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Tensors and compositionality in neural systems

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ABSTRACT

Neither neurobiological nor process models of meaning composition specify the operator through which constituent parts are bound together into compositional structures. In this paper, we argue that a neurophysiological computation system cannot achieve the compositionality exhibited in human thought and language if it were to rely on a multiplicative operator to perform binding, as the tensor product-based systems that have been widely adopted in cognitive science, neuroscience, and artificial intelligence do. We show via simulation and two behavioral experiments that tensor products violate variable-value independence, but human behavior does not. Specifically, tensor products fail to capture that in the statements *fuzzy cactus* and *fuzzy penguin*, both cactus and penguin are predicated by *fuzzy(x)* and belong to the set of fuzzy things, rendering these arguments similar to each other. Consistent with that thesis, people judged arguments that shared the same role to be similar, even when those arguments themselves (e.g., cacti and penguins) were judged to be dissimilar when in isolation. In contrast, the similarity of the tensor products representing *fuzzy(cactus)* and *fuzzy(penguin)* was determined by the similarity of the arguments, which in this case approaches zero. Based on these results, we argue that neural systems that use tensor products for binding cannot approximate how the human mind and brain represent compositional information during processing. We describe a contrasting binding mechanism that any physiological or artificial neural system could use to maintain independence between a role and its argument, a prerequisite for compositionality, and thus, for instantiating the expressive power of human thought and language in a neural system.

KEYWORDS: compositionality, tensor products, predicates, language, concepts, binding

INTRODUCTION

Our ability to use language indicates something foundational about how our minds and brains represent, transform, and reason about the world around us. Namely, it indicates that we are able to think of combinations of words, concepts, objects, features, and events, and their organization (Doumas & Martin, 2018; Fodor & Pylyshyn, 1988; Hummel, 2011; Martin, 2016; Martin & Doumas, 2019). The language we use to denote such meanings consists of sequences of words, whose meanings, like the conceptual representations underlying them, must be composed. Importantly, the composition process need not mirror regularities in our experience of the world: for example, while all bananas are naturally shades of green, yellow, brown, or black, we can easily conceive of a hot pink banana, encode this thought in a phrase like ‘A hot pink banana’, and safely assume that anyone who hears it or reads it will share the same thought we started with.¹ In this sense, meaning composition might be the lynchpin of cognition, necessary for explaining the formal expressive power and creativity of human thought, reasoning, language, and communication (Baggio, 2018). To this point, meaning composition has been called the “holy grail” of cognitive science (Jackendoff, 2002).

Compositionality is a property of a system. In a compositional system, complex entities are built as collections of simpler entities, and the meanings of these entities is a function of the meaning of the constituent simpler entities and their arrangement (see e.g., Phillips, this issue, for a category theoretic formalization, Coecke, Sadrzadeh, & Clark, 2010 for a hybrid distributional typed formalism; Doumas & Hummel, 2005). Compositionality has been a subject of interest in philosophy, logic, and linguistics for nearly as long as these disciplines, both modern and ancient, across east and west, have existed (see Pagin & Westerståhl, 2010 for a historical perspective; particularly the contribution of the Vedic scholar Śābara-svāmin in the 4th/5th century CE²; also Boole, 1854; Frege, 1884; Plato’s *Sophist*; Wittgenstein, 1922). In the language domain, compositionality typically refers to the property that meanings of composed structures are a function of the meanings of constituent units *and* the rules used to combine those units into that structure (Frege, 1884; Kratzer & Heim, 1998; Partee, 1975, 1995; Wittgenstein, 1922). For example, we combine individual words like “Jane” “goes to” and “the store” to form the sentence “Jane goes to the store”. The meaning of the resulting phrase is a function not only of the individual words, but their order (e.g., “the store goes to Jane” means something different). In the limit (as long as recursion is supported), compositionality represents the capacity to combine a finite set of objects into an infinite set of combinations (Chomsky, 1957; von Humboldt, 1836).

Two key properties of a compositional system are that the meaning of a compositional structure is a function of the constituent elements and their arrangement, and, simultaneously, that the meaning of the individual elements do not systematically vary as a function of their position in

¹ We thank Giosuè Baggio for the phrasing we co-opt here.

² Two centuries later, medieval Indian Vedic scholar Kumārila Bhaṭṭa further formulated a compositional view of semantics for sentences called *abhihitānvaya*, or the “theory of words in relation” (see van Bekkum, Houben, Sluiter, & Versteegh, 1997).

the compositional structure. Following the above example, the meaning of “Jane goes to the store” is a function of the words and their arrangement, but the arrangement does not change what *Jane* or *store* mean.³

For a system to have the expressive power that compositionality imbues (viz., human language), and, at the same time, to arise in the mind and brain, implies that at some level individual meaning parts (e.g., concepts, words, predicates, inflectional and derivational morphemes) and larger meaning structures (e.g., conceptual combinations, phrases, propositions, sentences) must co-exist or co-occur in the system. Yet crucially, as we will argue in this paper, they must do so independently from one another, at least at certain moments in processing, in the spacetime of neural representations, such that words and concepts can be combined together without compromising the system’s access (in the limit) to the representation and meaning of the original constituent parts. Instantiating a neural system such that it can support compositionality requires solving the problem of binding elements together in a manner that maintains their structure and their independence (e.g., Doumas & Hummel, 2005; Hummel, 2011). Several mechanisms for instantiating binding in a neural system have been proposed. One of the most popular involves using tensor products to bind elements (Dolan & Smolensky, 1989; Plate, 1991; Smolensky, 1990; Smolensky & Legendre, 2006; but see Fodor & McLaughlin, 1990 and Hummel, 2011).

In the following, we present simulations and data from two behavioral experiments that suggest that conjunctive and multiplicative operators, such as the tensor product, lead to system behavior that is at odds with human behavior. We show that tensors products, and any other conjunctive coding schemes, violate the independence of a variable and its value for binding representations together (Holyoak & Hummel, 2000; Hummel, 2011), an operation that is crucial for meaning composition and cognition more broadly (Doumas & Hummel, 2012; Doumas & Martin, 2018; Fodor & Pylyshyn, 1988; Martin & Doumas, 2017, 2019; Singer, 1999; von der Malsburg, 1995). We demonstrate how this violation occurs, and discuss why variable-value independence is important for theories and models of human cognition, including for natural language (Fodor & McLaughlin, 1990; Hummel, 2011), and for any system to have compositionality. We describe an existing compositional solution implemented in a neural network (Doumas, Hummel, & Sandhofer, 2008, Doumas & Martin, 2018, Martin & Doumas, 2017, 2019) and its origins (Hummel, & Holyoak, 1997, 2003). We conclude that tensor-based systems cannot support compositionality without additional modeler-derived interventions (e.g., modeler-determined labelling, specialized deconvolution functions, or look-up tables), and suggest that the representational basis of the human mind

³ Here we refer to a hypothetical case where the meaning of *store* or *Jane* changed as a function of whether the word functioned as a subject or object or as the agent or patient of a verb, and not to the fact that lexical items can have multiple senses (see Murphy, 2004) and that the lexical meanings can take on different senses in different contexts (e.g., *fuzzy logic* vs. *fuzzy penguin*). Nor do we deny the fact that both words and composed structures can vary in their meaning as a function of context. Our claim is that the system cannot lose access to *Jane* and *store*; they must be separable from *Jane goes to the store*.

and brain, and any system that desires to emulate it, should be built on a neurophysiological system that can support compositionality during processing.

For the present purposes we are interested in binding as instantiating links between roles and their fillers (e.g., Doumas & Hummel, 2012; Fodor & Pylyshyn, 1988; von der Malsburg, 1995). The role represents the filler’s place in the larger structure, be it as the argument to a single-place predicate, or a phrase, sentence, or proposition. The filler that occupies the argument role and is operated on by the predicate during interpretation to produce meaning (Partee, 1975). In this sense, binding can be seen as an elementary subroutine of meaning composition. However, we stress that in order for a system to be compositional, the mechanism that carries binding information must be completely independent of the representational elements that specify the identity of the active fillers, roles, and predicates within that system (Doumas & Hummel, 2005, 2012; Doumas & Martin, 2018; Holyoak & Hummel, 2000; Hummel, 2011; Martin & Doumas, 2019), and so, in the case of neural systems, in neural spacetime. For example, the representational elements *fuzzy* and *penguin*, and *prickly* and *cactus* might be bound to form the propositions *fuzzy*(penguin) and *prickly*(cactus). While the statement *fuzzy*(penguin) has meaning (a penguin that has the property of having fuzz or being fuzzy) the elements *fuzzy* and *penguin* remain independent when so bound. That is, the predicate *fuzzy* means the same thing whether it is bound to ‘penguin’, ‘cactus’, or ‘dendrite’⁴. Second, the binding tag (the signal carrying the binding information) must be *dynamic*. That is, it must allow bindings to be created and destroyed on the fly. For instance, if the penguin in the above example gets a buzz-cut, the binding of *fuzzy* and *penguin* must be broken, and the very-same representation of penguin must be bound to the *prickly* predicate to form *prickly*(penguin) where the same representational element coding for *prickly* in *prickly*(cactus) is bound to the same representational element coding for the penguin in *fuzzy*(penguin).

In tensor-based systems, tensor products are used to bind information, including argument roles and their fillers (Dolan & Smolensky, 1989; Doumas & Hummel, 2005, 2012; Hummel, 2011; Plate, 1995; Smolensky, 1990; Smolensky & Legendre, 2006). Figure 1 illustrates how a tensor-based system would represent the examples (1) *fuzzy cactus* and (2) *fuzzy penguin*. Hummel and colleagues (Doumas & Hummel, 2005; Hummel, 2011) have shown that mathematically, tensor products violate role-filler independence. In short, because tensor products rely on a multiplicative operation, the binding of two items is an interactive rather than independence maintaining operation. We provide details of simulations demonstrating this point in Appendix A, but in short, once the roles and fillers are bound into a tensor product, the similarity of a word or concept to itself (e.g., *fuzzy*(penguin) vs. *fuzzy*(cactus)) changes as a function of the similarity of the other words or concepts it is bound to. So a

⁴ Though the meaning of the phrase need not keep the word meanings constant after they are composed (via whatever operator) into a phrase. For example, *fuzzy* can change its sense based on the noun it modifies (e.g., *fuzzy*(penguin) vs. *fuzzy*(logic) (see Murphy, 2004), but this change of sense does not imply that the system no longer has access to the two senses or meaning representations of *fuzzy*.

fuzzy penguin and a fuzzy cactus will not be similar unless penguins and cactus are also similar. In fact, in the limit, the similarity between $fuzzy(x)$ and $fuzzy(y)$ approaches zero as the similarity of x and y approach zero.

Figure 1. An illustration of two representational coding schemes for the predicates $fuzzy(penguin)$, $fuzzy(cactus)$, $prickly(penguin)$, and $prickly(cactus)$. In a role-filler binding calculus, these propositions can be represented as one-place predicates. The top panel is a cartoon illustration of how a compositional system that uses dynamic binding would bind the predicates and arguments. The bottom panel is a cartoon illustration, inspired by Dolan & Smolensky (1989), of how a tensor-based system would.

Essentially by composing *fuzzy* with *penguin* or *cactus* using tensor products, information about being in the set of fuzzy things is being shared across *fuzzy cactus* and *fuzzy penguin*. But, in a system that uses tensor products for binding, the information that both *cactus* and *penguin* belong to the set of *fuzzy* things is not available during composition without an additional mechanism for tracking the binding relation between *fuzzy penguin* and *fuzzy* and *penguin* (e.g., a function that indicates which arguments (*cactus*, *penguin*) went into which tensor product (*fuzzy cactus*, *fuzzy penguin*), a look-up table with that information, or simply the knowledge of the modeler looking at the values in the network). Another consequence of a tensor product-based architecture without a tracking mechanism is that binding information (*viz.*, the fact that *fuzzy penguin* goes with *fuzzy* and *penguin*) is not available to other neurons in the network during meaning composition; binding information must be available to downstream neurons in order for the system to maintain variable-value independence – for the system to be a functionally symbolic, and for the behavior of the system to align with that of humans.

In contrast, in a binding system that maintains role-filler independence, the similarity of x to itself is fixed, regardless of what it is bound to. This makes the prediction that in *prickly penguin* and *fuzzy penguin*, the representation of penguin will be the same, or have identity with itself. And *fuzzy penguin* and *fuzzy cactus* will share the property of being *fuzzy* in the system, and as such, should not be judged as completely dissimilar.

To address the question of whether people can judge the similarity of a composed phrase independently of similarity judgments of the words that compose it, we performed two behavioral experiments probing the similarity of words and phrases and then modeled how they relate to each other. In Experiment 1, we asked participants to rate the perceived similarity of nouns and predicates (adjectives and verbs) as single words compared to each other. In Experiment 2, we asked a different set of participants to rate the similarity between two phrases (always a noun combined with an adjective or a verb) against each other. In one condition, we presented the maximal identity case, where both words and phrases were identical. Otherwise, we varied whether the noun or the predicate was identical (but not the other word), or varied the similarity between nouns and predicates as estimated by the cosine similarity between word2vec representations of the words. We then applied a hierarchical model testing scheme that pitted the predictions of a tensor-product-based system (TP) against an asynchronous

dynamic binding system (ADB). We note that when both fillers and roles are similar to each other, both models predict the same thing – maximal similarity as identity is approached. The key prediction regards cases where the fillers and roles are not a priori similar to each other; TP predicts these have (cosine) similarity of zero, ADB predicts they will be judged as similar despite constituent relative dissimilarity. Below we present the methods of both experiments 1 and 2 before discussing their results together.

EXPERIMENT 1 WORD SIMILARITY RATINGS

Participants

Participants were recruited from the Max Planck Institute for Psycholinguistics participant pool. Twenty-one Dutch native speakers took part in the study; 17 were female and 4 were male. The average age of the participants was 22.93 years ($sd = 2.54$, range 19.04-29.93) and gave informed consent before participating in the study. They received €6 for their participation.

Stimuli

The stimuli were either nouns or predicates (adjectives or inflected verbs), derived from the noun phrases and sentences of the second experiment. There were 48 different nouns. Each noun appeared in three trials. Once in the ‘same’ condition, where the same noun was shown as ‘word1’ and ‘word2’. And twice in the ‘different’ condition, where the word was paired with one other noun, and shown in both orders (word1/word2 position). See the Appendix for all conditions. This led to a total of 96 noun trials. For the predicates, there were 96 different predicates. As for the nouns, each predicate appeared in three trials. This led to a total of 192 predicate trials.

Task and procedure

Participants read pairs of words on a computer screen and judged how similar the words were to each other. In each trial, at the top of the screen the instruction summarized again (“how similar are these words?”). Below, the two words were presented, one on the right and one on the left. Below the words, there was a slider bar. The left of the slider bar was marked as “totally not” (“helemaal niet”) and the right of the slider bar was marked as “totally similar” (“helemaal wel”). At the bottom of the screen, it said that participants could finish the trial and go to the next one by pressing Enter/return. The slider bar ranged in value from -300 to 300 and could be moved with an interval of 3. These values were not visible to the participant. The scores were later converted to a scale of -100 to 100 (the same slider bar was used in Experiment 2). The task consisted of 288 trials. First, the participants rated the 96 noun trials. The order of the trials was randomized per participant. After a short break, they rated the 192 predicate trials.

EXPERIMENT 2 PHRASE SIMILARITY RATINGS

Participants. Participants were recruited from the Max Planck Institute for Psycholinguistics participant pool. Thirty-eight Dutch native speakers took part in the study. Twenty-nine were female and 9 were male. The average age of the participants was 22.99 years ($sd = 2.32$, range 18.84-28.89). Participants gave informed consent before participating in the study. They received €10 for their participation.

Stimuli, task, and procedure

The stimuli were either noun phrases consisting of an article, adjective and noun, or full sentences consisting of an article, noun and inflected verb; please see the Appendix for a full list. Three lists of 24 word pairs were used to construct the stimuli: one list of noun pairs, one list of adjective pairs and one list of verb pairs. The pairs were selected using the co-sine similarity of word2vec vectors between nouns. The list of 24 was then divided into four blocks of 6 pairs each: one ‘very similar’, one ‘similar’, one ‘dissimilar’ and one ‘very dissimilar’ block. The noun pairs were matched to the adjective and verb pairs in a counterbalanced way to form the phrases/sentences. Each noun pair was matched to a verb pair and an adjective pair from each of the four blocks. Hence, each noun was combined once with a very similar verb/adjective, once with a similar verb/adjective, once with a dissimilar verb/adjective, and once with a very dissimilar verb/adjective. Each noun pair therefore occurred in eight different combinations: four with a verb, and four with an adjective for a total of 192 pairs of phrases. Finally, to create conditions the similarity of the phrase pairs was varied. All eight versions of the noun pair therefore occurred in four different conditions. In the first condition, both pairs were the same (identity condition). In the second condition, the subjects were the same but the predicate was different (different predicate condition). In the third condition, the predicate was the same but the subject was different (different subject condition). In the fourth and final condition, both the subject and the predicate were different (both different/opposite condition). There were a total of 768 trials. The task and slider bar from Experiment 1 was used in Experiment 2.

Results of Experiments 1 & 2

Our goal is to determine the binding mechanism that best fit the human predicate-filler rating data. Using the similarity ratings of single words from Experiment 1 (see below) we determined predicted predicate-filler similarities for all word pairs in the experiment. As noted above, the similarity between two tensor product bindings (TP) is equal to the product of the similarity of the roles to the similarity of the filler, or:

$$\cos(rf, r'f') = \cos(r, r') \cos(f, f')$$

where rf is the tensor product of r and f . Similarly, for asynchrony-based binding (ADB), the similarity between two role filler bindings is equal to the weighted average of the similarity of the roles and the similarity of the fillers, or:

$$\cos(A(r, f), A(r'f')) = (\cos(r, r')) + (1 - n)(\cos(f, f'))$$

where, $A(r, f)$ is the binding of r to f via systematic asynchrony, and n is a weighting parameter, here set to 0.5 to get an unbiased average.

Dynamic binding can be implemented as synchronous or asynchronous binding (see Doumas et al., 2008; Hummel & Holyoak, 1997; von der Malsburg, 1995). However, modeling the result of synchrony-based binding is not so straightforward, as the results of the binding process

vary greatly when r and f are coded on independent or non-independent dimensions. See the Appendix for more discussion of this issue and illustration by simulation.

After calculating the predicted similarities of predicate-filler bindings using both TP and ADB, we used both to model the human similarity ratings. We built two hierarchical models with TP and ADB predicting human ratings, with participants as a random variable (intercept only; modeling participants with independent slopes produced similar results). The results are presented in Table 1.

Table 1. Summary of results of quality of models using tensor product (TP) and asynchrony-based dynamic binding (ADB) to predict human ratings of similarities of role-filler pairs.

| Model | AIC | BIC | estR ² |
|------------|--------|--------|-------------------|
| Rating~TP | 261721 | 261754 | .58 |
| Rating~ADB | 258088 | 258121 | .63 |

In short, participants' similarity ratings followed the predictions of ADB rather than TP. Moreover, the relative closeness of the estimated R² was in large part a product of the similar predictions made by both ADB and TP for a subset of the similarities of predicate-filler pairs (e.g., both models predict maximal similarity when both roles and fillers are identical). In line with this observation, adding the TP predictions to a model with ADB increased estimated R² by 0.002.

DISCUSSION

The similarity ratings of individual words did not determine the similarity ratings of the composed phrases. A tensor-decomposition of these same data showed that in a tensor-based system, the similarity of individual words drives the similarity of the phrases they appear in (see Appendix for simulation details). If people can separate the similarity of roles, fillers, and the predicates those constituents create, then they cannot be relying on tensors, or any other conjunctive operator, to perform binding during processing. We note, however, that in the limit, tensor products of composed phrases could still be used during long-term storage if access to the constituent parts is not needed for behavior or interpretation.

Figure 2. A snapshot of neural spacetime of asynchronous dynamic binding of fuzzy penguin prickly cactus, fuzzy cactus, and prickly penguin using the same constituent representations and composing them through dynamic binding with a features layer and a separate conjunctive coding layer.

For a system to be compositional in the sense that human cognition is compositional, bindings between roles and fillers must be constructed on the fly, or *dynamic*, and these bindings must

not affect the core representation of the constituent words or concepts beyond what is needed in the moment of processing to determine compositional meaning. The core representations of words and concepts, such as the examples *fuzzy* and *prickly*, should apply to whatever argument is predicated, just as the system should not instantiate multiple representations of the same entity when a single entity is referred to.

Dynamic binding requires: (i) states that carry information about the world via its representational elements (i.e., specifying what is present in a given situation or dataset), (ii) a mechanism that carries binding information (specifying how those elements are arranged) must be independent from the coding of representational elements, and (iii) processes by which new representational structures are inferred from existing structures⁵. These three sources of information must be independent (i.e., the binding operator must not affect the meaning of the bound items; Hummel, 2011). Any system that can represent these three independent sources of information can, in principle, attain variable-value independence, a pre-requisite for compositionality.

An instantiation of dynamic binding that exploits the asynchrony of unit firing in order to represent a predicate, role, and argument can be seen in the model DORA (*Discovery of Relations by Analogy*; Doumas et al., 2008; Doumas & Hummel, 2012; Doumas & Martin, 2018; Martin & Doumas, 2017, 2019), which is descended from the symbolic-connectionist system LISA (*Learning and Inference with Schemas and Analogies*; Hummel & Holyoak, 1997, 2003). DORA implements two fundamental concepts from cognitive science and neuroscience: (1) that learning and generalization are based in a process of comparison (Gentner, 2003; Mandler, 2004), and (2) that information in distributed neural computing systems is carried by the oscillations that emerge as its component units fire in excitatory and inhibitory cycles (Buzsáki, 2006; von der Malsburg, 1995). DORA uses oscillatory regularities in the network to dynamically bind predicates and arguments, without fundamentally changing the meaning of any elements so bound (though, in principle, statistics about the bindings could be tracked), resulting in a compositional system.

In conclusion, the predictions of a tensor-based system were not borne out in human similarity ratings. The representational implications of using tensor products for binding (namely, the violation of independence; see Appendix) contradict both formal accounts of relational and analogical reasoning and formal theories of language. In our view, the empirical result we presented here, in combination with the aforementioned representational conflicts, highlights the importance of being faithful to certain computational system properties of the human mind and brain when deriving models of human cognition and behavior. If a high-level desideratum like compositionality can be achieved while obeying the basic constraints of

⁵ The instantiation of this in DORA is a process for recruiting a node to code the conjunction of the constituents and that node is separate from the feature-based distributed coding of the constituents in another layer of the network (see Doumas et al., 2008; Doumas & Martin, 2018; Martin & Doumas, 2019 for more detail).

neurophysiological computation, the hope of accounting for the expressive power of the human mind in both formal and biological models is not yet lost.

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Appendix

Here we include simulations, and experimental details and a full stimulus lists for Experiments 1 and 2.

Simulations

We ran a series of simulations following those of Hummel (2011). Specifically, we simulated the similarity of various role-filler pairs using cosine similarity under tensor product binding (TP), synchrony-based binding (SB), and asynchrony-based dynamic binding (ADB). We ran the simulations using role and filler representations that come from a shared feature space (e.g., word2vec).

Using 12 dimensional vectors, we created a base role and filler, and then created permuted versions of the role and filler to match for similarity 0.5, and similarity 0.0, and similarity -1.0. Figures S1-S3 show the results of using TP, SB, and ADB respectively.

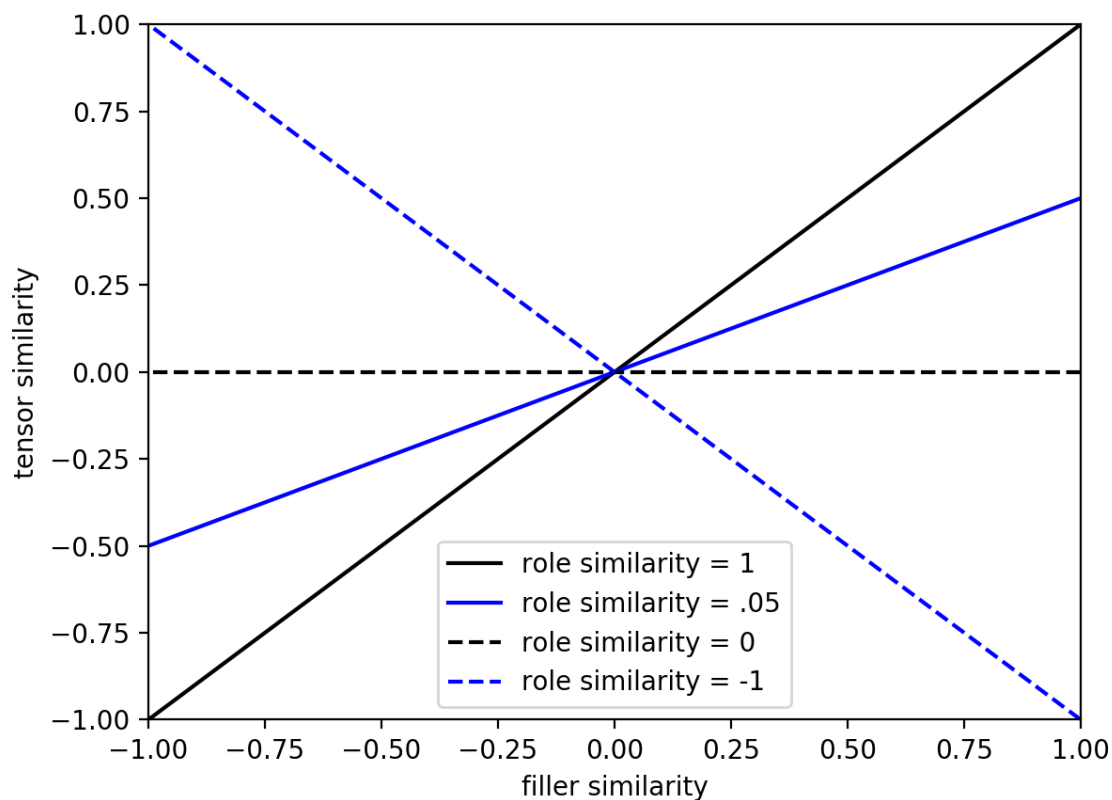


Figure S1. Cosine similarity of two role-filler pairs bound by **tensor-product** as a function of role and filler similarity.

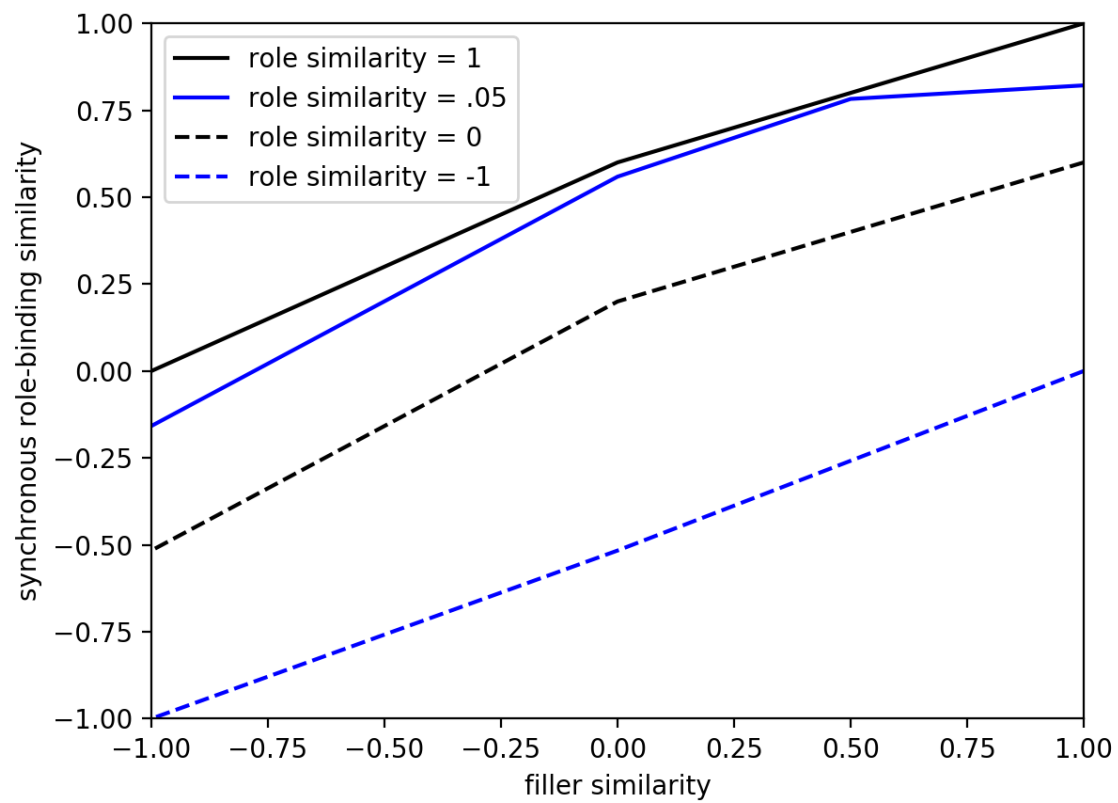


Figure S2. Cosine similarity of two role-filler pairs bound by **synchrony** as a function of role and filler similarity.

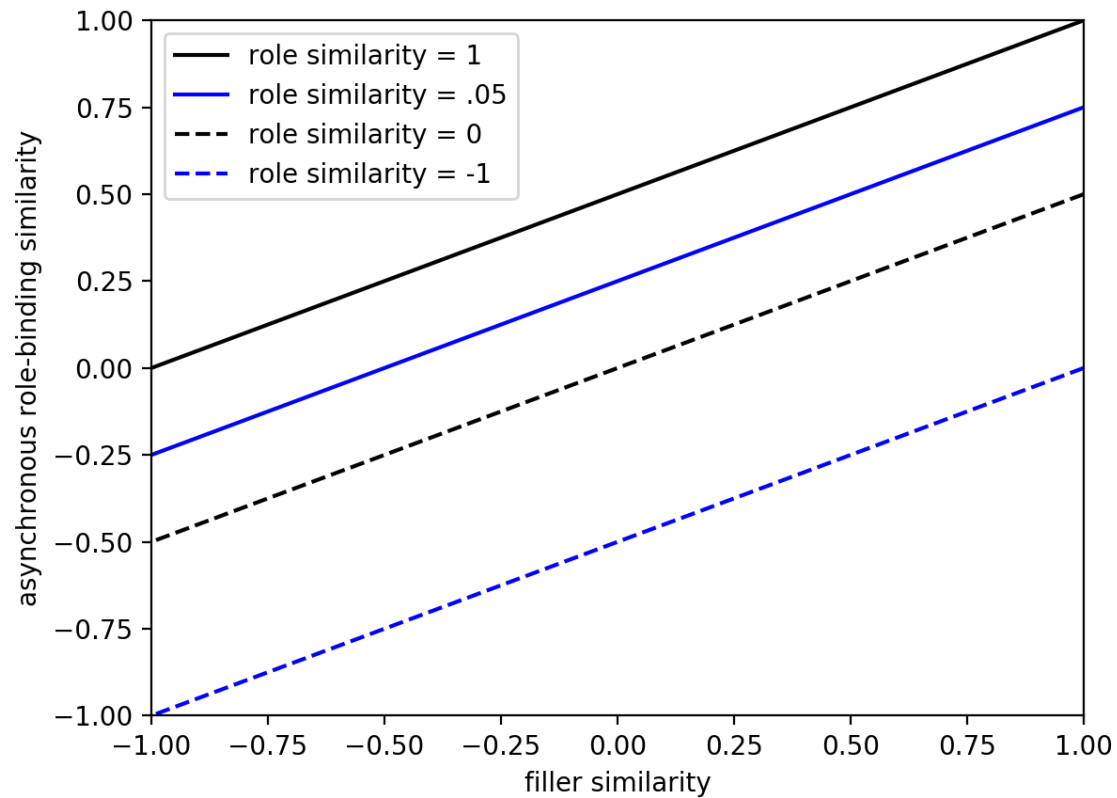


Figure S3. Cosine similarity of two role-filler pairs bound by **asynchrony** as a function of role and filler similarity.

In addition, we ran a simulation using independent dimensions to encode roles and filler. Results for TP and ADB were identical, but SB showed a pattern of results identical to those demonstrated by Hummel (2011). When roles and fillers are coded using independent dimensions, SB shows a pattern identical to ADB (see Fig. S4).

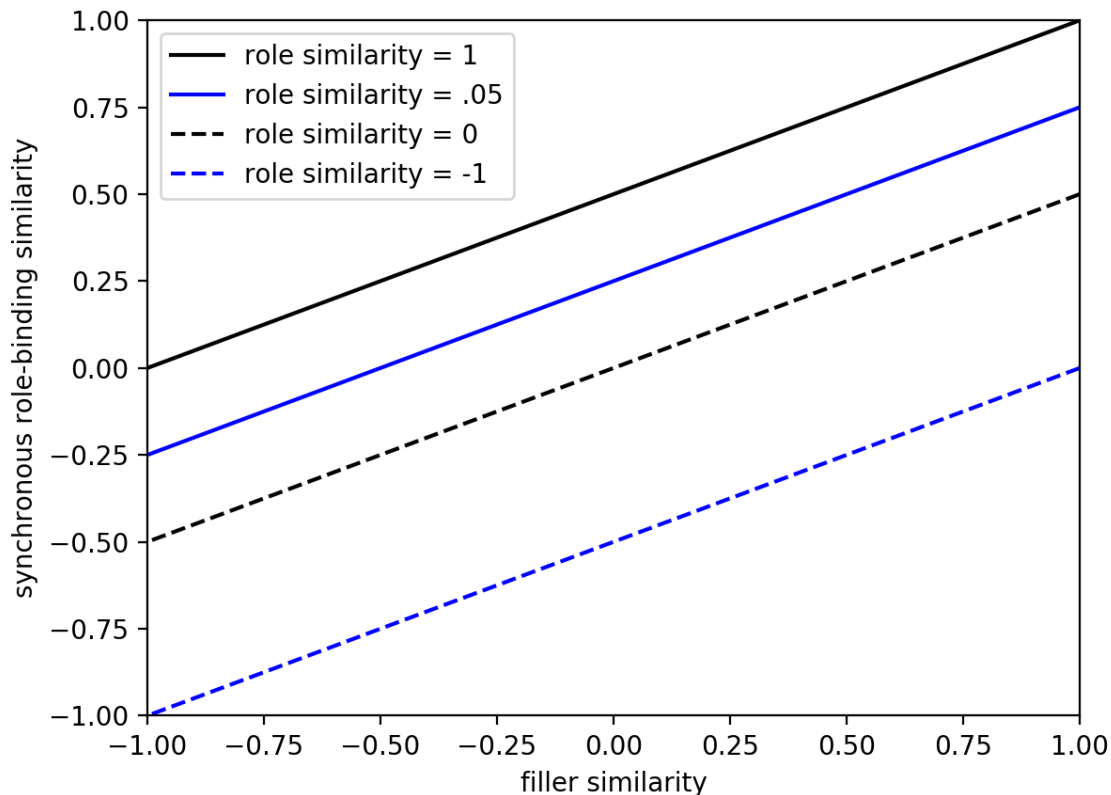


Figure S4. Cosine similarity of two role-filler pairs bound by **synchrony** as a function of role and filler similarity, with roles and fillers coded using independent dimensions.

We note that binding by synchrony has been instantiated in neural networks in various forms since the early 1990s (Hummel & Holyoak, 1997; Shastri, 1999; von der Malsburg, 1995). However, synchrony-based systems do not learn predicates from unstructured data because they cannot separate predicates from their arguments without implementing separate data types a priori.

Experimental details Experiment 1

Instructions Experiment 1

- You will be reading pairs of words on the computer screen.
- After reading both pairs, you have to judge on a scale how similar the words are on the basis of meaning.
- You can do this by moving the scale to the left or to the right with the arrow keys on the keyboard
- Do this as quickly as possible, but also try to be accurate.
- Use your intuition/first judgement to rate the words.
- There will be two blocks; you are allowed to take a short break in between the blocks.

Stimuli Experiment 1

Table 1: examples of the different kind of stimuli

| Condition | Stimuli |
|---------------------|-----------------------------|
| Same noun | slager vs. slager |
| Different noun | slager vs. groentenman |
| Different noun | groentenman vs. slager |
| Same noun | groentenman vs. groentenman |
| Same predicate | bereidt vs. bereidt |
| Different predicate | bereidt vs. schildert |
| Different predicate | schildert vs. bereidt |
| Same predicate | schildert vs. schildert |

Complete list of Stimuli Experiment 1

Word lists

NOUNS

| condition | word1 | word2 |
|------------------|--------------|--------------|
| same noun | acrobaat | acrobaat |
| different noun | acrobaat | goochelaar |
| different noun | goochelaar | acrobaat |
| same noun | goochelaar | goochelaar |
| same noun | acteur | acteur |
| different noun | acteur | bezoeker |
| different noun | bezoeker | acteur |
| same noun | bezoeker | bezoeker |
| same noun | activist | activist |
| different noun | activist | moordenaar |
| different noun | moordenaar | activist |
| same noun | moordenaar | moordenaar |
| same noun | agent | agent |
| different noun | agent | monteur |

| | | |
|----------------|--------------|--------------|
| different noun | monteur | agent |
| same noun | monteur | monteur |
| same noun | brandweerman | brandweerman |
| different noun | brandweerman | dirigent |
| different noun | dirigent | brandweerman |
| same noun | dirigent | dirigent |
| same noun | chirurg | chirurg |
| different noun | chirurg | huisarts |
| different noun | huisarts | chirurg |
| same noun | huisarts | huisarts |
| same noun | conducteur | conducteur |
| different noun | conducteur | machinist |
| different noun | machinist | conducteur |
| same noun | machinist | machinist |
| same noun | crimineel | crimineel |
| different noun | crimineel | stalker |
| different noun | stalker | crimineel |
| same noun | stalker | stalker |
| same noun | dief | dief |
| different noun | dief | minister |
| different noun | minister | dief |
| same noun | minister | minister |
| same noun | gijzelaar | gijzelaar |
| different noun | gijzelaar | orthodontist |
| different noun | orthodontist | gijzelaar |
| same noun | orthodontist | orthodontist |
| same noun | gitarist | gitarist |
| different noun | gitarist | zanger |
| different noun | zanger | gitarist |
| same noun | zanger | zanger |
| same noun | groenteman | groenteman |
| different noun | groenteman | slager |
| different noun | slager | groenteman |
| same noun | slager | slager |
| same noun | hertog | hertog |
| different noun | hertog | koning |
| different noun | koning | hertog |
| same noun | koning | koning |
| same noun | inspecteur | inspecteur |
| different noun | inspecteur | slachtoffer |
| different noun | slachtoffer | inspecteur |
| same noun | slachtoffer | slachtoffer |
| same noun | jager | jager |
| different noun | jager | kapper |

| | | |
|----------------|--------------|--------------|
| different noun | kapper | jager |
| same noun | kapper | kapper |
| same noun | jongen | jongen |
| different noun | jongen | meisje |
| different noun | meisje | jongen |
| same noun | meisje | meisje |
| same noun | kind | kind |
| different noun | kind | psycholoog |
| different noun | psycholoog | kind |
| same noun | psycholoog | psycholoog |
| same noun | leraar | leraar |
| different noun | leraar | verpleegster |
| different noun | verpleegster | leraar |
| same noun | verpleegster | verpleegster |
| same noun | meester | meester |
| different noun | meester | slaaf |
| different noun | slaaf | meester |
| same noun | slaaf | slaaf |
| same noun | moeder | moeder |
| different noun | moeder | vader |
| different noun | vader | moeder |
| same noun | vader | vader |
| same noun | piraat | piraat |
| different noun | piraat | smid |
| different noun | smid | piraat |
| same noun | smid | smid |
| same noun | prins | prins |
| different noun | prins | prinses |
| different noun | prinses | prins |
| same noun | prinses | prinses |
| same noun | redacteur | redacteur |
| different noun | redacteur | schrijver |
| different noun | schrijver | redacteur |
| same noun | schrijver | schrijver |
| same noun | scholier | scholier |
| different noun | scholier | student |
| different noun | student | scholier |
| same noun | student | student |

PREDICATES

| condition | word1 | word2 |
|---------------------|-------|-------|
| same predicate | bakt | bakt |
| different predicate | bakt | zit |

| | | |
|---------------------|----------------|----------------|
| different predicate | zit | bakt |
| same predicate | zit | zit |
| same predicate | bedrieglijke | bedrieglijke |
| different predicate | bedrieglijke | kwaadaardige |
| different predicate | kwaadaardige | bedrieglijke |
| same predicate | kwaadaardige | kwaadaardige |
| same predicate | bereidt | bereidt |
| different predicate | bereidt | schildert |
| different predicate | schildert | bereidt |
| same predicate | schildert | schildert |
| same predicate | beschermt | beschermt |
| different predicate | beschermt | verdedigt |
| different predicate | verdedigt | beschermt |
| same predicate | verdedigt | verdedigt |
| same predicate | besproeit | besproeit |
| different predicate | besproeit | geeft |
| different predicate | geeft | besproeit |
| same predicate | geeft | geeft |
| same predicate | betovert | betovert |
| different predicate | betovert | hypnotiseert |
| different predicate | hypnotiseert | betovert |
| same predicate | hypnotiseert | hypnotiseert |
| same predicate | betreedt | betreedt |
| different predicate | betreedt | verlaat |
| different predicate | verlaat | betreedt |
| same predicate | verlaat | verlaat |
| same predicate | bidt | bidt |
| different predicate | bidt | helpt |
| different predicate | helpt | bidt |
| same predicate | helpt | helpt |
| same predicate | blauwe | blauwe |
| different predicate | blauwe | rode |
| different predicate | rode | blauwe |
| same predicate | rode | rode |
| same predicate | blije | blije |
| different predicate | blije | teleurgestelde |
| different predicate | teleurgestelde | blije |
| same predicate | teleurgestelde | teleurgestelde |
| same predicate | botte | botte |
| different predicate | botte | onbeleefde |
| different predicate | onbeleefde | botte |
| same predicate | onbeleefde | onbeleefde |
| same predicate | boze | boze |
| different predicate | boze | verdrietige |

| | | |
|---------------------|--------------|--------------|
| different predicate | verdrietiige | boze |
| same predicate | verdrietiige | verdrietiige |
| same predicate | brabbelt | brabbelt |
| different predicate | brabbelt | citeert |
| different predicate | citeert | brabbelt |
| same predicate | citeert | citeert |
| same predicate | bruine | bruine |
| different predicate | bruine | luidruchtige |
| different predicate | luidruchtige | bruine |
| same predicate | luidruchtige | luidruchtige |
| same predicate | controleert | controleert |
| different predicate | controleert | onderzoekt |
| different predicate | onderzoekt | controleert |
| same predicate | onderzoekt | onderzoekt |
| same predicate | dankbare | dankbare |
| different predicate | dankbare | trouwe |
| different predicate | trouwe | dankbare |
| same predicate | trouwe | trouwe |
| same predicate | danst | danst |
| different predicate | danst | valt aan |
| different predicate | valt aan | danst |
| same predicate | valt aan | valt aan |
| same predicate | dappere | dappere |
| different predicate | dappere | heldhaftige |
| different predicate | heldhaftige | dappere |
| same predicate | heldhaftige | heldhaftige |
| same predicate | depressieve | depressieve |
| different predicate | depressieve | sombere |
| different predicate | sombere | depressieve |
| same predicate | sombere | sombere |
| same predicate | doffe | doffe |
| different predicate | doffe | nieuwe |
| different predicate | nieuwe | doffe |
| same predicate | nieuwe | nieuwe |
| same predicate | dove | dove |
| different predicate | dove | knappe |
| different predicate | knappe | dove |
| same predicate | knappe | knappe |
| same predicate | dramatische | dramatische |
| different predicate | dramatische | enge |
| different predicate | enge | dramatische |
| same predicate | enge | enge |
| same predicate | drinkt | drinkt |
| different predicate | drinkt | eet |

| | | |
|---------------------|--------------|--------------|
| different predicate | eet | drinkt |
| same predicate | eet | eet |
| same predicate | drukke | drukke |
| different predicate | drukke | oranje |
| different predicate | oranje | drukke |
| same predicate | oranje | oranje |
| same predicate | energieke | energieke |
| different predicate | energieke | vermoeide |
| different predicate | vermoeide | energieke |
| same predicate | vermoeide | vermoeide |
| same predicate | fantastische | fantastische |
| different predicate | fantastische | geweldige |
| different predicate | geweldige | fantastische |
| same predicate | geweldige | geweldige |
| same predicate | fluit | fluit |
| different predicate | fluit | wijst af |
| different predicate | wijst af | fluit |
| same predicate | wijst af | wijst af |
| same predicate | fraudeert | fraudeert |
| different predicate | fraudeert | sterft |
| different predicate | sterft | fraudeert |
| same predicate | sterft | sterft |
| same predicate | geschikte | geschikte |
| different predicate | geschikte | matige |
| different predicate | matige | geschikte |
| same predicate | matige | matige |
| same predicate | gladde | gladde |
| different predicate | gladde | groene |
| different predicate | groene | gladde |
| same predicate | groene | groene |
| same predicate | glanzende | glanzende |
| different predicate | glanzende | glimmende |
| different predicate | glimmende | glanzende |
| same predicate | glimmende | glimmende |
| same predicate | glinsterende | glinsterende |
| different predicate | glinsterende | paarse |
| different predicate | paarse | glinsterende |
| same predicate | paarse | paarse |
| same predicate | gooit | gooit |
| different predicate | gooit | vangt |
| different predicate | vangt | gooit |
| same predicate | vangt | vangt |
| same predicate | harde | harde |
| different predicate | harde | ruwe |

| | | |
|---------------------|-----------|-----------|
| different predicate | ruwe | harde |
| same predicate | ruwe | ruwe |
| same predicate | jonge | jonge |
| different predicate | jonge | zachte |
| different predicate | zachte | jonge |
| same predicate | zachte | zachte |
| same predicate | kookt | kookt |
| different predicate | kookt | traint |
| different predicate | traint | kookt |
| same predicate | traint | traint |
| same predicate | koopt | koopt |
| different predicate | koopt | krijgt |
| different predicate | krijgt | koopt |
| same predicate | krijgt | krijgt |
| same predicate | leuke | leuke |
| different predicate | leuke | magere |
| different predicate | magere | leuke |
| same predicate | magere | magere |
| same predicate | luistert | luistert |
| different predicate | luistert | zingt |
| different predicate | zingt | luistert |
| same predicate | zingt | zingt |
| same predicate | ontvangt | ontvangt |
| different predicate | ontvangt | verstuurt |
| different predicate | verstuurt | ontvangt |
| same predicate | verstuurt | verstuurt |
| same predicate | pakt | pakt |
| different predicate | pakt | ziet |
| different predicate | ziet | pakt |
| same predicate | ziet | ziet |
| same predicate | roze | roze |
| different predicate | roze | trage |
| different predicate | trage | roze |
| same predicate | trage | trage |
| same predicate | schrijft | schrijft |
| different predicate | schrijft | vermoordt |
| different predicate | vermoordt | schrijft |
| same predicate | vermoordt | vermoordt |
| same predicate | springt | springt |
| different predicate | springt | valt |
| different predicate | valt | springt |
| same predicate | valt | valt |
| same predicate | sterke | sterke |
| different predicate | sterke | zwakke |

| | | |
|---------------------|-------------|-------------|
| different predicate | zwakke | sterke |
| same predicate | zwakke | zwakke |
| same predicate | typt | typt |
| different predicate | typt | veroordeelt |
| different predicate | veroordeelt | typt |
| same predicate | veroordeelt | veroordeelt |
| same predicate | verbergt | verbergt |
| different predicate | verbergt | verstoep |
| different predicate | verstoep | verbergt |
| same predicate | verstoep | verstoep |
| same predicate | wandelt | wandelt |
| different predicate | wandelt | wint |
| different predicate | wint | wandelt |
| same predicate | wint | wint |

Experimental details Experiment 2

Instructions

- You will be reading pairs of phrases on the computer screen
- After reading both pairs, you have to judge on a scale how similar the phrases are
- You can do this by moving the scale to the left or to the right with the arrow keys on the keyboard
- Do this as quickly as possible, but also try to be accurate
- Try to use all of the scale and do not stay in the middle or on one end
- Use your intuition/first judgement to rate the phrases
- There will be eight blocks in total, you are allowed to take short break in between the blocks

Stimuli Experiment 2

Table 2: example of one ‘very similar’ noun pair in all of the different conditions

| | Verb | Adjective |
|--|--|--|
| Identity condition: predicate ‘very similar’ | List 1: ‘De vader eet’ vs. ‘De vader eet’ List 2: ‘De moeder drinkt’ vs. ‘De moeder drinkt’ | List 1: ‘De blauwe vader’ vs. ‘De blauwe vader’ List 2: ‘De rode moeder’ vs. ‘De rode moeder’ |
| Identity condition: predicate ‘similar’ | List 1: ‘De vader koopt’ vs. ‘De vader koopt’ List 2: ‘De moeder krijgt’ vs. ‘De moeder krijgt’ | List 1: ‘De teleurgestelde vader’ vs. ‘De teleurgestelde vader’ List 2: ‘De blijde moeder’ vs. ‘De blijde moeder’ |
| Identity condition: predicate ‘dissimilar’ | List 1: ‘De vader bereidt’ vs. ‘De vader bereidt’ List 2: ‘De moeder schildert’ vs. ‘De moeder schildert’ | List 1: ‘De luidruchtige vader’ vs. ‘De luidruchtige vader’ List 2: ‘De bruine moeder’ vs. ‘De bruine moeder’ |
| Identity condition: predicate ‘very dissimilar’ | List 1: ‘De vader typt’ vs. ‘De vader typt’ List 2: ‘De moeder veroordeelt’ vs. ‘De moeder veroordeelt’ | List 1: ‘De dramatische vader’ vs. ‘De dramatische vader’ List 2: ‘De enge moeder’ vs. ‘De enge moeder’ |
| Different predicates: predicate ‘very similar’ | List 1: ‘De vader eet’ vs. ‘De vader drinkt’ List 2: ‘De moeder drinkt’ vs. ‘De moeder eet’ | List 1: ‘De blauwe vader’ vs. ‘De rode vader’ List 2: ‘De rode moeder’ vs. ‘De blauwe moeder’ |
| Different predicates: predicate ‘similar’ | List 1: ‘De vader koopt’ vs. ‘De vader krijgt’ List 2: ‘De moeder krijgt’ vs. ‘De moeder koopt’ | List 1: ‘De teleurgestelde vader’ vs. ‘De blijde vader’ List 2: ‘De blijde moeder’ vs. ‘De teleurgestelde moeder’ |
| Different predicates: predicate ‘dissimilar’ | List 1: ‘De vader bereidt’ vs. ‘De vader schildert’ List 2: ‘De moeder schildert’ vs. ‘De moeder bereidt’ | List 1: ‘De luidruchtige vader’ vs. ‘De bruine vader’ List 2: ‘De bruine moeder’ vs. ‘De luidruchtige vader’ |
| Different predicates: predicate ‘very dissimilar’ | List 1: ‘De vader typt’ vs. ‘De vader veroordeelt’ List 2: ‘De moeder veroordeelt’ vs. ‘De moeder typt’ | List 1: ‘De dramatische vader’ vs. ‘De enge vader’ List 2: ‘De enge moeder’ vs. ‘De dramatische vader’ |
| Different subjects: predicate ‘very similar’ | List 1: ‘De vader eet’ vs. ‘De moeder eet’ List 2: ‘De moeder drinkt’ vs. ‘De vader drinkt’ | List 1: ‘De blauwe vader’ vs. ‘De blauwe moeder’ List 2: ‘De rode moeder’ vs. ‘De rode vader’ |
| Different subjects: predicate ‘similar’ | List 1: ‘De vader koopt’ vs. ‘De moeder koopt’ List 2: ‘De moeder krijgt’ vs. ‘De moeder krijgt’ | List 1: ‘De teleurgestelde vader’ vs. ‘De teleurgestelde moeder’ List 2: ‘De blijde moeder’ vs. ‘De blijde vader’ |
| Different subjects: predicate ‘dissimilar’ | List 1: ‘De vader bereidt’ vs. ‘De moeder bereidt’ List 2: ‘De moeder schildert’ vs. ‘De vader schildert’ | List 1: ‘De luidruchtige vader’ vs. ‘De luidruchtige moeder’ List 2: ‘De bruine moeder’ vs. ‘De bruine vader’ |

| | | |
|--|--|--|
| Different subjects: predicate ‘very dissimilar’ | List 1: ‘De vader typt’ vs. ‘De moeder typt’ List 2: ‘De moeder veroordeelt’ vs. ‘De vader veroordeelt’ | List 1: ‘De dramatische vader’ vs. ‘De dramatische moeder’ List 2: ‘De enge moeder’ vs. ‘De enge vader’ |
| Both different: predicate ‘very similar’ | List 1: ‘De vader eet’ vs. ‘De moeder drinkt’ List 2: ‘De moeder drinkt’ vs. ‘De vader eet’ | List 1: ‘De blauwe vader’ vs. ‘De rode moeder’ List 2: ‘De rode moeder’ vs. ‘De blauwe vader’ |
| Both different: predicate ‘similar’ | List 1: ‘De vader koopt’ vs. ‘De moeder krijgt’ List 2: ‘De moeder krijgt’ vs. ‘De vader koopt’ | List 1: ‘De teleurgestelde vader’ vs. ‘De blijde moeder’ List 2: ‘De blijde moeder’ vs. ‘De teleurgestelde vader’ |
| Both different: predicate ‘dissimilar’ | List 1: ‘De vader bereidt’ vs. ‘De moeder schildert’ List 2: ‘De moeder schildert’ vs. ‘De vader bereidt’ | List 1: ‘De luidruchtige vader’ vs. ‘De bruine moeder’ List 2: ‘De bruine moeder’ vs. ‘De luidruchtige vader’ |
| Both different: predicate ‘very dissimilar’ | List 1: ‘De vader typt’ vs. ‘De moeder veroordeelt’ List 2: ‘De moeder veroordeelt’ vs. ‘De vader typt’ | List 1: ‘De dramatische vader’ vs. ‘De enge moeder’ List 2: ‘De enge moeder’ vs. ‘De dramatische vader’ |

Complete list

| PredicateType | AnswerType | Target | A |
|---------------|------------|----------------------------|---------------------------|
| V | DiffPred | De/acrobaat/verstuurt | De/acrobaat/ontvangt |
| V | DiffPred | De/piraat/zit | De/piraat/bakt |
| V | DiffSubj | De/dirigent/verstuurt | De/brandweerman/verstuurt |
| V | Opposite | De/stalker/springt | De/crimineel/valt |
| V | DiffPred | De/dirigent/verstuurt | De/dirigent/ontvangt |
| A | Opposite | De/kwaadaardige/acteur | De/bedrieglijke/bezoeker |
| A | Identity | De/heldhaftige/redacteur | De/heldhaftige/redacteur |
| A | DiffPred | De/trage/moordenaar | De/roze/moordenaar |
| V | Opposite | De/acrobaat/fraudeert | De/goochelaar/sterft |
| A | DiffPred | De/kwaadaardige/acteur | De/bedrieglijke/acteur |
| V | Opposite | De/prins/zit | De/prinses/bakt |
| A | Opposite | De/groene/prins | De/gladde/prinses |
| A | Identity | De/leuke/slaaf | De/leuke/slaaf |
| A | Opposite | De/luidruchtige/leraar | De/bruine/verpleegster |
| V | Opposite | De/huisarts/bidt | De/chirurg/helpt |
| V | DiffPred | De/koning/luistert | De/koning/zingt |
| A | Opposite | De/dankbare/acrobaat | De/trouwe/goochelaar |
| A | Opposite | De/heldhaftige/huisarts | De/dappere/chirurg |
| V | DiffPred | De/jager/luistert | De/jager/zingt |
| A | DiffPred | De/teleurgestelde/minister | De/blijde/minister |
| V | Opposite | De/monteur/kookt | De/agent/traint |
| A | Identity | De/vermoeide/piraat | De/vermoeide/piraat |
| V | DiffSubj | De/piraat/ziet | De/smid/ziet |
| A | Identity | Het/teleurgestelde/meisje | Het/teleurgestelde/meisje |
| V | Identity | De/acteur/betovert | De/acteur/betovert |
| A | Identity | De/luidruchtige/minister | De/luidruchtige/minister |
| A | DiffSubj | De/heldhaftige/stalker | De/heldhaftige/crimineel |

| | | | |
|---|----------|----------------------------|----------------------------|
| A | Identity | Het/dramatische/meisje | Het/dramatische/meisje |
| V | DiffSubj | De/moordenaar/onderzoekt | De/activist/onderzoekt |
| V | Identity | De/acteur/geeft | De/acteur/geeft |
| V | DiffSubj | De/orthodontist/vermoordt | De/gijzelaar/vermoordt |
| A | Identity | De/paarse/moordenaar | De/paarse/moordenaar |
| V | Identity | De/acteur/brabbelt | De/acteur/brabbelt |
| A | Identity | Het/luidruchtige/meisje | Het/luidruchtige/meisje |
| A | Opposite | Het/drukke/kind | De/oranje/psycholoog |
| V | Identity | De/leraar/typt | De/leraar/typt |
| V | Identity | De/jager/betoverd | De/jager/betoverd |
| V | Identity | De/vader/koopt | De/vader/koopt |
| V | Identity | De/conducteur/luistert | De/conducteur/luistert |
| V | DiffSubj | De/conducteur/betoverd | De/machinist/betoverd |
| V | Opposite | De/prins/betreedt | De/prinses/verlaat |
| A | Identity | Het/drukke/kind | Het/drukke/kind |
| A | Identity | De/jonge/jager | De/jonge/jager |
| A | DiffPred | Het/fantastische/kind | Het/geweldige/kind |
| V | Opposite | De/stalker/gooit | De/crimineel/vangt |
| A | Opposite | De/dove/huisarts | De/knappe/chirurg |
| V | DiffPred | De/leraar/koopt | De/leraar/krijgt |
| A | Identity | De/teleurgestelde/minister | De/teleurgestelde/minister |
| V | Identity | De/stalker/danst | De/stalker/danst |
| A | DiffPred | Het/groene/kind | Het/gladde/kind |
| A | Opposite | De/drukke/slager | De/oranje/groenteman |
| V | DiffSubj | De/piraat/zit | De/smid/zit |
| V | Opposite | De/redacteur/gooit | De/schrijver/vangt |
| V | Identity | De/conducteur/geeft | De/conducteur/geeft |
| A | Identity | Het/blauwe/meisje | Het/blauwe/meisje |
| V | DiffPred | De/redacteur/danst | De/redacteur/valt/aan |
| V | Identity | De/redacteur/gooit | De/redacteur/gooit |
| A | Opposite | De/teleurgestelde/minister | De/blije/dief |
| V | DiffPred | De/redacteur/gooit | De/redacteur/vangt |
| V | Identity | De/leraar/eet | De/leraar/eet |
| V | DiffPred | De/slager/betreedt | De/slager/verlaat |
| A | Opposite | De/blauwe/minister | De/rode/dief |
| V | Identity | De/slager/betreedt | De/slager/betreedt |
| A | DiffPred | De/blauwe/leraar | De/rode/leraar |
| V | Opposite | De/acrobaat/kookt | De/goochelaar/traint |
| V | Identity | De/monteur/verdedigt | De/monteur/verdedigt |
| A | Opposite | De/zwakke/gitarist | De/sterke/zanger |
| V | Opposite | De/gitarist/onderzoekt | De/zanger/controleert |
| A | DiffPred | De/jonge/jager | De/zachte/jager |
| V | Opposite | De/slager/ziet | De/groenteman/pakt |
| V | DiffSubj | De/piraat/wandelt | De/smid/wandelt |
| V | Opposite | De/jager/luistert | De/kapper/zingt |
| V | Identity | De/prins/betreedt | De/prins/betreedt |
| V | Opposite | De/piraat/zit | De/smid/bakt |
| A | Opposite | De/dove/redacteur | De/knappe/schrijver |
| V | Identity | De/redacteur/danst | De/redacteur/danst |
| A | Identity | Het/vermoeide/kind | Het/vermoeide/kind |
| A | DiffSubj | De/verdrietige/jager | De/verdrietige/kapper |
| V | DiffPred | De/koning/brabbelt | De/koning/citeert |
| V | Identity | De/dirigent/verdedigt | De/dirigent/verdedigt |

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|---|----------|----------------------------|----------------------------|
| V | Identity | De/stalker/gooit | De/stalker/gooit |
| A | Identity | De/jonge/conducteur | De/jonge/conducteur |
| V | Identity | De/stalker/springt | De/stalker/springt |
| A | DiffPred | De/dramatische/vader | De/enge/vader |
| A | Opposite | De/glimmende/scholier | De/glanzende/student |
| V | Opposite | De/slaaf/fraudeert | De/meester/sterft |
| V | DiffPred | De/orthodontist/vermoordt | De/orthodontist/schrijft |
| V | Identity | De/dirigent/fraudeert | De/dirigent/fraudeert |
| A | DiffSubj | De/dankbare/acrobaat | De/dankbare/goochelaar |
| V | Identity | De/piraat/wandelt | De/piraat/wandelt |
| V | DiffSubj | De/monteur/fraudeert | De/agent/fraudeert |
| A | DiffPred | Het/teleurgestelde/meisje | Het/blijde/meisje |
| A | Identity | De/kwaadaardige/jager | De/kwaadaardige/jager |
| V | DiffSubj | De/acteur/brabbelt | De/bezoeker/brabbelt |
| A | Opposite | De/trage/moordenaar | De/roze/activist |
| A | DiffPred | De/dankbare/acrobaat | De/trouwe/acrobaat |
| A | Identity | De/luidruchtige/vader | De/luidruchtige/vader |
| V | DiffSubj | De/minister/bereidt | De/dief/bereidt |
| A | DiffSubj | De/luidruchtige/minister | De/luidruchtige/dief |
| V | Identity | De/orthodontist/vermoordt | De/orthodontist/vermoordt |
| V | Identity | De/orthodontist/onderzoekt | De/orthodontist/onderzoekt |
| A | Opposite | De/matige/monteur | De/geschikte/agent |
| V | Identity | De/slager/wandelt | De/slager/wandelt |
| V | Identity | De/leraar/bereidt | De/leraar/bereidt |
| V | Opposite | De/conducteur/brabbelt | De/machinist/citeert |
| V | DiffPred | De/moordenaar/verstoep | De/moordenaar/verbergt |
| A | Opposite | De/vermoeide/prins | De/energieke/prinses |
| V | DiffSubj | De/conducteur/brabbelt | De/machinist/brabbelt |
| A | DiffPred | De/matige/monteur | De/geschikte/monteur |
| A | DiffSubj | De/dankbare/dirigent | De/dankbare/brandweerman |
| V | DiffPred | De/monteur/verstuurt | De/monteur/ontvangt |
| V | Identity | De/vader/typt | De/vader/typt |
| A | Identity | De/trage/gitarist | De/trage/gitarist |
| A | DiffSubj | De/dove/huisarts | De/dove/chirurg |
| A | DiffPred | De/matige/slaaf | De/geschikte/slaaf |
| V | DiffSubj | Het/kind/ziet | De/psycholoog/ziet |
| V | DiffSubj | De/jager/luistert | De/kapper/luistert |
| V | DiffPred | De/gitarist/vermoordt | De/gitarist/schrijft |
| A | DiffPred | De/depressieve/acrobaat | De/sombere/acrobaat |
| V | DiffSubj | De/orthodontist/wijst/af | De/gijzelaar/wijst/af |
| V | Opposite | De/scholier/verstoep | De/student/verbergt |
| A | Opposite | De/harde/redacteur | De/ruwe/schrijver |
| V | DiffSubj | De/gitarist/verstoep | De/zanger/verstoep |
| A | Identity | De/teleurgestelde/vader | De/teleurgestelde/vader |
| V | Opposite | De/redacteur/springt | De/schrijver/valt |
| A | DiffSubj | De/dankbare/slaaf | De/dankbare/meester |
| V | Opposite | De/scholier/onderzoekt | De/student/controleert |
| A | Opposite | De/verdrietige/koning | De/boze/hertog |
| V | Identity | De/orthodontist/wijst/af | De/orthodontist/wijst/af |
| A | DiffPred | De/groene/prins | De/gladde/prins |
| A | Opposite | De/trage/scholier | De/roze/student |
| V | DiffSubj | Het/meisje/eet | De/jongen/eet |
| A | DiffSubj | De/drukke/slager | De/drukke/groenteman |

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|---|----------|-----------------------------|------------------------------|
| V | Identity | De/gitarist/wijst/af | De/gitarist/wijst/af |
| V | DiffPred | Het/slachtoffer/bidt | Het/slachtoffer/helpt |
| V | DiffPred | De/koning/geeft | De/koning/besproeit |
| A | DiffSubj | De/kwaadaardige/koning | De/kwaadaardige/hertog |
| A | Opposite | De/nieuwe/acteur | De/doffe/bezoeker |
| V | DiffSubj | De/huisarts/danst | De/chirurg/danst |
| A | Identity | De/dankbare/dirigent | De/dankbare/dirigent |
| A | Opposite | Het/luidruchtige/meisje | De/bruine/jongen |
| V | DiffSubj | De/dirigent/kookt | De/brandweerman/kookt |
| A | DiffPred | De/vermoeide/slager | De/energieke/slager |
| V | Opposite | De/leraar/typt | De/verpleegster/veroordeelt |
| A | DiffPred | De/botte/redacteur | De/onbeleefde/redacteur |
| A | DiffSubj | De/drukke/prins | De/drukke/prinses |
| V | Opposite | De/koning/brabbelt | De/hertog/citeert |
| A | Identity | De/verdrietige/acteur | De/verdrietige/acteur |
| V | DiffPred | De/koning/betoverd | De/koning/hypnotiseert |
| V | DiffPred | De/prins/wandelt | De/prins/wint |
| A | DiffPred | De/zwakke/gitarist | De/sterke/gitarist |
| A | Opposite | De/harde/huisarts | De/ruwe/chirurg |
| V | DiffPred | De/gitarist/wijst/af | De/gitarist/fluit |
| V | Identity | Het/meisje/koopt | Het/meisje/koopt |
| A | Opposite | De/teleurgestelde/vader | De/blijde/moeder |
| V | DiffSubj | De/scholier/verstoort | De/student/verstoort |
| A | DiffSubj | De/groene/piraat | De/groene/smid |
| A | DiffPred | De/glimmende/scholier | De/glanzende/scholier |
| A | Opposite | De/vermoeide/piraat | De/energieke/smid |
| A | Opposite | De/verdrietige/jager | De/boze/kapper |
| A | Identity | De/leuke/dirigent | De/leuke/dirigent |
| A | DiffPred | Het/heldhaftige/slachtoffer | Het/dappere/slachtoffer |
| V | DiffPred | De/scholier/verstoort | De/scholier/verbergt |
| V | Opposite | De/leraar/eet | De/verpleegster/drinkt |
| A | DiffPred | De/harde/huisarts | De/ruwe/huisarts |
| A | Identity | De/blauwe/vader | De/blauwe/vader |
| A | DiffPred | De/paarse/moordenaar | De/glinsterende/moordenaar |
| A | DiffSubj | De/paarse/moordenaar | De/paarse/activist |
| V | DiffPred | De/redacteur/bidt | De/redacteur/helpt |
| A | Opposite | De/zwakke/moordenaar | De/sterke/activist |
| A | Identity | De/nieuwe/conducteur | De/nieuwe/conducteur |
| A | DiffSubj | De/zwakke/orthodontist | De/zwakke/gijzelaar |
| V | DiffSubj | De/scholier/onderzoekt | De/student/onderzoekt |
| V | DiffPred | De/huisarts/springt | De/huisarts/valt |
| V | Identity | Het/kind/ziet | Het/kind/ziet |
| A | DiffSubj | De/luidruchtige/leraar | De/luidruchtige/verpleegster |
| V | DiffSubj | De/acrobaat/verdedigt | De/goochelaar/verdedigt |
| A | Identity | De/matige/acrobaat | De/matige/acrobaat |
| A | Identity | De/paarse/orthodontist | De/paarse/orthodontist |
| V | DiffPred | Het/kind/wandelt | Het/kind/wint |
| V | Opposite | De/acteur/brabbelt | De/bezoeker/citeert |
| V | DiffSubj | Het/meisje/bereidt | De/jongen/bereidt |
| A | Opposite | De/zwakke/scholier | De/sterke/student |
| A | Opposite | De/kwaadaardige/jager | De/bedrieglijke/kapper |
| A | Identity | De/jonge/koning | De/jonge/koning |
| V | DiffPred | De/slager/wandelt | De/slager/wint |

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|---|----------|-----------------------------|----------------------------|
| A | Identity | De/glimmende/moordenaar | De/glimmende/moordenaar |
| V | DiffSubj | De/conducteur/geeft | De/machinist/geeft |
| A | Opposite | De/paarse/gitarist | De/glinsterende/zanger |
| A | DiffPred | De/leuke/acrobaat | De/magere/acrobaat |
| V | DiffSubj | De/dirigent/verdedigt | De/brandweerman/verdedigt |
| V | Identity | De/scholier/verstoep | De/scholier/verstoep |
| V | DiffPred | De/jager/betover | De/jager/hypnotiseert |
| A | DiffPred | De/trage/gitarist | De/roze/gitarist |
| A | DiffPred | De/leuke/dirigent | De/magere/dirigent |
| A | DiffPred | Het/vermoede/kind | Het/energieke/kind |
| V | Identity | Het/kind/zit | Het/kind/zit |
| V | Identity | Het/meisje/typt | Het/meisje/typt |
| A | Identity | De/blauwe/minister | De/blauwe/minister |
| A | DiffPred | De/groene/piraat | De/gladde/piraat |
| V | Opposite | De/orthodontist/vermoordt | De/gijzelaar/schrijft |
| V | Identity | De/jager/brabbelt | De/jager/brabbelt |
| V | DiffSubj | De/conducteur/luistert | De/machinist/luistert |
| V | DiffPred | De/piraat/ziet | De/piraat/pakt |
| V | Identity | De/huisarts/bidt | De/huisarts/bidt |
| A | DiffSubj | De/zwakke/gitarist | De/zwakke/zanger |
| A | DiffPred | De/kwaadaardige/koning | De/bedrieglijke/koning |
| V | DiffPred | De/vader/koopt | De/vader/krijgt |
| V | DiffPred | Het/kind/ziet | Het/kind/pakt |
| V | DiffPred | De/moordenaar/wijst/af | De/moordenaar/fluit |
| V | DiffPred | De/slager/ziet | De/slager/pakt |
| A | DiffSubj | De/trage/scholier | De/trage/student |
| A | DiffSubj | De/fantastische/slager | De/fantastische/groenteman |
| A | DiffPred | De/drukke/piraat | De/oranje/piraat |
| A | Identity | De/heldhaftige/huisarts | De/heldhaftige/huisarts |
| V | DiffPred | De/jager/brabbelt | De/jager/citeert |
| V | Opposite | De/vader/koopt | De/moeder/krijgt |
| V | Identity | De/dirigent/kookt | De/dirigent/kookt |
| V | DiffSubj | De/vader/bereidt | De/moeder/bereidt |
| V | DiffSubj | De/monteur/verstuurt | De/agent/verstuurt |
| V | Opposite | De/leraar/koopt | De/verpleegster/krijgt |
| V | Opposite | De/prins/ziet | De/prinses/pakt |
| A | Identity | De/dankbare/slaaf | De/dankbare/slaaf |
| V | DiffPred | Het/slachtoffer/springt | Het/slachtoffer/valt |
| A | DiffSubj | De/fantastische/prins | De/fantastische/prinses |
| A | DiffPred | Het/dove/slachtoffer | Het/knappe/slachtoffer |
| V | Identity | De/vader/bereidt | De/vader/bereidt |
| V | Opposite | De/gitarist/vermoordt | De/zanger/schrijft |
| V | Opposite | De/moordenaar/verstoep | De/activist/verbergt |
| A | Opposite | De/glimmende/moordenaar | De/glanzende/activist |
| A | DiffSubj | Het/heldhaftige/slachtoffer | De/heldhaftige/inspecteur |
| A | DiffPred | De/luidruchtige/leraar | De/bruine/leraar |
| A | DiffPred | De/heldhaftige/stalker | De/dappere/stalker |
| V | Identity | De/piraat/zit | De/piraat/zit |
| V | DiffPred | De/monteur/verdedigt | De/monteur/bescherm |
| V | DiffSubj | Het/slachtoffer/springt | De/inspecteur/springt |
| V | Opposite | Het/meisje/bereidt | De/jongen/schildert |
| A | Opposite | De/dove/stalker | De/knappe/crimineel |
| V | DiffPred | De/orthodontist/verstoep | De/orthodontist/verbergt |

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|---|----------|-----------------------------|----------------------------|
| A | DiffSubj | De/fantastische/piraat | De/fantastische/smid |
| V | Opposite | De/stalker/bidt | De/crimineel/helpt |
| A | DiffPred | De/paarse/scholier | De/glinsterende/scholier |
| A | DiffPred | De/harde/stalker | De/ruwe/stalker |
| A | DiffPred | De/matige/dirigent | De/geschikte/dirigent |
| V | Identity | De/redacteur/springt | De/redacteur/springt |
| A | DiffSubj | De/blauwe/vader | De/blauwe/moeder |
| A | DiffPred | De/drukke/prins | De/oranje/prins |
| V | Opposite | De/vader/typt | De/moeder/veroordeelt |
| A | DiffSubj | Het/fantastische/kind | De/fantastische/psycholoog |
| A | DiffSubj | De/kwaadaardige/jager | De/kwaadaardige/kapper |
| V | Opposite | De/leraar/bereidt | De/verpleegster/schildert |
| V | DiffPred | De/vader/eet | De/vader/drinkt |
| V | Opposite | De/slaaf/verstuurt | De/meester/ontvangt |
| V | Identity | Het/kind/wandelt | Het/kind/wandelt |
| V | DiffPred | De/slager/zit | De/slager/bakt |
| V | DiffSubj | De/moordenaar/wijst/af | De/activist/wijst/af |
| A | DiffPred | De/heldhaftige/redacteur | De/dappere/redacteur |
| A | Opposite | De/drukke/piraat | De/oranje/smid |
| V | DiffPred | Het/meisje/bereidt | Het/meisje/schildert |
| V | DiffSubj | De/monteur/verdedigt | De/agent/verdedigt |
| V | Opposite | Het/slachtoffer/danst | De/inspecteur/valt/aan |
| V | Identity | De/prins/zit | De/prins/zit |
| A | Opposite | De/matige/slaaf | De/geschikte/meester |
| A | Opposite | Het/dramatische/meisje | De/enge/jongen |
| V | DiffPred | De/scholier/onderzoekt | De/scholier/controleert |
| A | DiffPred | De/leuke/slaaf | De/magere/slaaf |
| A | Opposite | De/glimmende/gitarist | De/glanzende/zanger |
| V | DiffSubj | De/leraar/bereidt | De/verpleegster/bereidt |
| V | DiffPred | De/dirigent/verdedigt | De/dirigent/bescherm |
| A | Opposite | De/dankbare/dirigent | De/trouwe/brandweerman |
| A | Opposite | De/depressieve/acrobaat | De/sombere/goochelaar |
| A | DiffSubj | De/glimmende/moordenaar | De/glimmende/activist |
| V | Identity | De/acrobaat/verdedigt | De/acrobaat/verdedigt |
| A | DiffSubj | De/teleurgestelde/minister | De/teleurgestelde/dief |
| V | DiffPred | De/slaaf/fraudeert | De/slaaf/sterft |
| V | Identity | Het/meisje/eet | Het/meisje/eet |
| A | Opposite | De/dankbare/monteur | De/trouwe/agent |
| V | DiffPred | De/prins/zit | De/prins/bakt |
| A | Opposite | Het/heldhaftige/slachtoffer | De/dappere/inspecteur |
| V | DiffPred | De/huisarts/danst | De/huisarts/valt/aan |
| A | DiffSubj | De/groene/slager | De/groene/groenteman |
| A | DiffSubj | De/botte/redacteur | De/botte/schrijver |
| V | DiffSubj | Het/slachtoffer/danst | De/inspecteur/danst |
| V | Opposite | De/slaaf/kookt | De/meester/traint |
| A | DiffPred | De/glimmende/moordenaar | De/glanzende/moordenaar |
| A | DiffSubj | De/dramatische/minister | De/dramatische/dief |
| A | DiffSubj | De/vermoeide/piraat | De/vermoeide/smid |
| A | DiffPred | De/paarse/gitarist | De/glinsterende/gitarist |
| V | Opposite | De/conducteur/betovert | De/machinist/hypnotiseert |
| V | DiffPred | De/stalker/gooit | De/stalker/vangt |
| V | DiffSubj | De/gitarist/vermoordt | De/zanger/vermoordt |
| V | DiffSubj | Het/meisje/koopt | De/jongen/koopt |

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| V | DiffPred | De/acrobaat/verdedigt | De/acrobaat/beschermst |
| V | Opposite | De/scholier/vermoordt | De/student/schrijft |
| V | DiffPred | De/conducteur/brabbelt | De/conducteur/citeert |
| A | Identity | De/glimmende/gitarist | De/glimmende/gitarist |
| V | Opposite | De/dirigent/fraudeert | De/brandweerman/sterft |
| A | DiffSubj | De/leuke/monteur | De/leuke/agent |
| V | DiffSubj | De/stalker/danst | De/crimineel/danst |
| V | DiffPred | De/scholier/wijst/af | De/scholier/fluit |
| A | Opposite | De/heldhaftige/stalker | De/dappere/crimineel |
| A | Identity | De/nieuwe/jager | De/nieuwe/jager |
| A | DiffSubj | De/dove/redacteur | De/dove/schrijver |
| A | DiffPred | De/kwaadaardige/jager | De/bedrieglijke/jager |
| A | DiffSubj | Het/botte/slachtoffer | De/botte/inspecteur |
| A | DiffSubj | De/harde/huisarts | De/harde/chirurg |
| V | DiffPred | De/gitarist/onderzoekt | De/gitarist/controleert |
| A | Opposite | Het/fantastische/kind | De/geweldige/psycholoog |
| V | DiffPred | De/minister/koopt | De/minister/krijgt |
| V | Identity | De/prins/ziet | De/prins/ziet |
| V | Identity | Het/slachtoffer/bidt | Het/slachtoffer/bidt |
| V | DiffSubj | De/orthodontist/onderzoekt | De/gijzelaar/onderzoekt |
| A | Identity | De/harde/stalker | De/harde/stalker |
| A | DiffPred | De/verdrietige/conducteur | De/boze/conducteur |
| V | DiffSubj | De/slaaf/fraudeert | De/meester/fraudeert |
| A | DiffPred | De/drukke/slager | De/oranje/slager |
| V | Opposite | De/acteur/geeft | De/bezoeker/besproeit |
| V | DiffPred | Het/slachtoffer/danst | Het/slachtoffer/valt/aan |
| V | DiffSubj | De/minister/koopt | De/dief/koopt |
| A | DiffSubj | Het/drukke/kind | De/drukke/psycholoog |
| V | Opposite | De/monteur/verdedigt | De/agent/beschermst |
| V | DiffSubj | De/orthodontist/verstopt | De/gijzelaar/verstopt |
| A | Identity | De/zwakke/scholier | De/zwakke/scholier |
| A | Identity | De/groene/slager | De/groene/slager |
| A | DiffSubj | De/drukke/piraat | De/drukke/smid |
| V | Identity | De/leraar/koopt | De/leraar/koopt |
| A | DiffSubj | De/heldhaftige/huisarts | De/heldhaftige/chirurg |
| A | Identity | De/dove/stalker | De/dove/stalker |
| V | DiffSubj | De/leraar/typt | De/verpleegster/typt |
| A | Identity | De/depressieve/monteur | De/depressieve/monteur |
| V | Identity | De/moordenaar/verstopt | De/moordenaar/verstopt |
| A | DiffPred | De/matige/acrobaat | De/geschikte/acrobaat |
| V | DiffSubj | De/acteur/betoverst | De/bezoeker/betoverst |
| V | Identity | De/dirigent/verstuurt | De/dirigent/verstuurt |
| A | DiffPred | De/dankbare/slaaf | De/trouwe/slaaf |
| V | Opposite | De/slager/wandelt | De/groenteman/wint |
| A | DiffPred | De/heldhaftige/huisarts | De/dappere/huisarts |
| V | Identity | De/jager/luistert | De/jager/luistert |
| V | Opposite | De/jager/brabbelt | De/kapper/citeert |
| V | Opposite | Het/kind/wandelt | De/psycholoog/wint |
| A | Identity | De/glimmende/orthodontist | De/glimmende/orthodontist |
| V | Opposite | De/gitarist/verstopt | De/zanger/verbergt |
| V | DiffPred | De/leraar/bereidt | De/leraar/schildert |
| V | Opposite | De/huisarts/springt | De/chirurg/valt |
| V | DiffPred | De/minister/typt | De/minister/veroordeelt |

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|---|----------|-----------------------------|------------------------------|
| V | DiffSubj | De/acrobaat/kookt | De/goochelaar/kookt |
| A | Identity | De/zwakke/gitarist | De/zwakke/gitarist |
| A | Identity | De/drukke/slager | De/drukke/slager |
| A | DiffPred | De/verdrietige/jager | De/boze/jager |
| V | DiffSubj | De/redacteur/danst | De/schrijver/danst |
| A | Opposite | De/fantastische/prins | De/geweldige/prinses |
| A | Identity | De/dramatische/vader | De/dramatische/vader |
| A | Opposite | De/harde/stalker | De/ruwe/crimineel |
| A | Opposite | De/matige/acrobaat | De/geschikte/goochelaar |
| V | Identity | De/koning/luistert | De/koning/luistert |
| A | DiffSubj | De/vermoeide/slager | De/vermoeide/groenteman |
| V | DiffPred | De/acteur/brabbelt | De/acteur/citeert |
| A | DiffSubj | De/nieuwe/acteur | De/nieuwe/bezoeker |
| A | Opposite | De/verdrietige/acteur | De/boze/bezoeker |
| A | Opposite | De/blauwe/leraar | De/rode/verpleegster |
| V | Identity | De/vader/eet | De/vader/eet |
| V | DiffPred | De/leraar/typt | De/leraar/veroordeelt |
| A | Opposite | De/jonge/conducteur | De/zachte/machinist |
| A | DiffSubj | Het/teleurgestelde/meisje | De/teleurgestelde/jongen |
| A | DiffPred | De/harde/redacteur | De/ruwe/redacteur |
| A | DiffPred | De/dramatische/minister | De/enge/minister |
| V | DiffSubj | De/dirigent/fraudeert | De/brandweerman/fraudeert |
| V | Opposite | De/slager/zit | De/groenteman/bakt |
| V | DiffSubj | De/huisarts/springt | De/chirurg/springt |
| A | Opposite | De/fantastische/slager | De/geweldige/groenteman |
| A | DiffPred | De/trage/orthodontist | De/roze/orthodontist |
| A | Opposite | De/nieuwe/conducteur | De/doffe/machinist |
| A | DiffPred | De/fantastische/prins | De/geweldige/prins |
| A | Opposite | De/paarse/scholier | De/glinsterende/student |
| V | DiffPred | De/piraat/wandelt | De/piraat/wint |
| V | Identity | De/gitarist/vermoordt | De/gitarist/vermoordt |
| V | Identity | De/slager/ziet | De/slager/ziet |
| A | DiffSubj | De/depressieve/monteur | De/depressieve/agent |
| V | DiffPred | De/moordenaar/vermoordt | De/moordenaar/schrijft |
| A | Opposite | De/groene/piraat | De/gladde/smid |
| V | Identity | De/slaaf/kookt | De/slaaf/kookt |
| V | DiffPred | De/monteur/kookt | De/monteur/traint |
| V | Identity | De/gitarist/verstopt | De/gitarist/verstopt |
| A | Identity | De/dankbare/monteur | De/dankbare/monteur |
| A | Opposite | De/drukke/prins | De/oranje/prinses |
| A | Opposite | De/depressieve/dirigent | De/sombere/brandweerman |
| A | DiffSubj | De/harde/redacteur | De/harde/schrijver |
| A | Identity | De/botte/huisarts | De/botte/huisarts |
| A | DiffPred | De/paarse/orthodontist | De/glinsterende/orthodontist |
| A | DiffSubj | De/leuke/slaaf | De/leuke/meester |
| V | Identity | Het/slachtoffer/springt | Het/slachtoffer/springt |
| V | Opposite | De/stalker/danst | De/crimineel/valt/aan |
| A | DiffSubj | De/vermoeide/prins | De/vermoeide/prinses |
| A | DiffPred | De/zwakke/scholier | De/sterke/scholier |
| V | DiffPred | Het/meisje/eet | Het/meisje/drinkt |
| A | Identity | Het/heldhaftige/slachtoffer | Het/heldhaftige/slachtoffer |
| V | Identity | De/koning/betovert | De/koning/betovert |
| A | Identity | De/leuke/acrobaat | De/leuke/acrobaat |

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|---|----------|----------------------------|----------------------------|
| V | Opposite | De/prins/wandelt | De/prinses/wint |
| A | DiffSubj | De/blauwe/minister | De/blauwe/dief |
| A | DiffSubj | De/jonge/conducteur | De/jonge/machinist |
| A | Identity | De/dramatische/leraar | De/dramatische/leraar |
| V | Opposite | De/monteur/fraudeert | De/agent/sterft |
| A | DiffSubj | De/leuke/dirigent | De/leuke/brandweerman |
| A | Identity | De/dramatische/minister | De/dramatische/minister |
| A | Opposite | De/botte/stalker | De/onbeleefde/crimineel |
| V | DiffPred | De/prins/betreedt | De/prins/verlaat |
| V | Opposite | De/piraat/betreedt | De/smid/verlaat |
| V | DiffSubj | De/vader/koopt | De/moeder/koopt |
| A | DiffSubj | De/zwakke/moordenaar | De/zwakke/activist |
| V | DiffPred | De/scholier/vermoordt | De/scholier/schrijft |
| A | Identity | De/kwaadaardige/conducteur | De/kwaadaardige/conducteur |
| V | DiffPred | De/conducteur/luistert | De/conducteur/zingt |
| A | Identity | De/teleurgestelde/leraar | De/teleurgestelde/leraar |
| A | Identity | De/paarse/scholier | De/paarse/scholier |
| V | Identity | De/acrobaat/kookt | De/acrobaat/kookt |
| A | DiffSubj | Het/harde/slachtoffer | De/harde/inspecteur |
| A | Identity | De/vermoeide/prins | De/vermoeide/prins |
| V | Opposite | Het/meisje/typt | De/jongen/veroordeelt |
| V | Identity | De/conducteur/betover | De/conducteur/betover |
| A | Identity | De/trage/moordenaar | De/trage/moordenaar |
| A | DiffSubj | De/heldhaftige/redacteur | De/heldhaftige/schrijver |
| V | Identity | De/jager/geeft | De/jager/geeft |
| V | DiffPred | De/gitarist/verstopt | De/gitarist/verbergt |
| A | DiffPred | De/nieuwe/jager | De/doffe/jager |
| V | Opposite | De/acteur/luistert | De/bezoeker/zingt |
| A | Identity | Het/groene/kind | Het/groene/kind |
| V | DiffSubj | De/stalker/gooit | De/crimineel/gooit |
| V | DiffSubj | De/gitarist/wijst/af | De/zanger/wijst/af |
| V | DiffSubj | De/redacteur/bidt | De/schrijver/bidt |
| V | DiffPred | De/acteur/geeft | De/acteur/besproeit |
| V | DiffSubj | De/acrobaat/verstuurt | De/goochelaar/verstuurt |
| A | DiffSubj | De/botte/huisarts | De/botte/chirurg |
| V | DiffPred | De/vader/bereidt | De/vader/schildert |
| V | Opposite | Het/kind/zit | De/psycholoog/bakt |
| A | DiffSubj | De/paarse/scholier | De/paarse/student |
| V | Opposite | De/acrobaat/verstuurt | De/goochelaar/ontvangt |
| A | DiffSubj | Het/dove/slachtoffer | De/dove/inspecteur |
| A | Identity | Het/botte/slachtoffer | Het/botte/slachtoffer |
| V | Opposite | Het/meisje/eet | De/jongen/drinkt |
| A | Identity | De/zwakke/orthodontist | De/zwakke/orthodontist |
| A | Identity | De/drukke/prins | De/drukke/prins |
| A | DiffSubj | De/verdrietige/conducteur | De/verdrietige/machinist |
| A | DiffPred | De/trage/scholier | De/roze/scholier |
| A | DiffPred | De/leuke/monteur | De/magere/monteur |
| A | Identity | De/matige/monteur | De/matige/monteur |
| A | Identity | De/fantastische/slager | De/fantastische/slager |
| A | Opposite | De/dramatische/leraar | De/enge/verpleegster |
| V | Opposite | De/dirigent/verstuurt | De/brandweerman/ontvangt |
| V | DiffSubj | De/stalker/springt | De/crimineel/springt |
| A | DiffSubj | De/glimmende/scholier | De/glimmende/student |

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|---|----------|---------------------------|---------------------------|
| A | DiffPred | De/dankbare/dirigent | De/trouwe/dirigent |
| A | DiffSubj | De/zwakke/scholier | De/zwakke/student |
| A | Identity | De/blauwe/leraar | De/blauwe/leraar |
| V | DiffSubj | De/jager/geeft | De/kapper/geeft |
| V | Identity | De/conducteur/brabbelt | De/conducteur/brabbelt |
| A | Identity | De/harde/redacteur | De/harde/redacteur |
| V | Opposite | De/jager/betoverd | De/kapper/hypnotiseert |
| V | DiffPred | De/slaaf/verstuurt | De/slaaf/ontvangt |
| V | DiffSubj | Het/slachtoffer/bidt | De/inspecteur/bidt |
| V | DiffSubj | De/koning/betoverd | De/hertog/betoverd |
| V | Identity | Het/slachtoffer/danst | Het/slachtoffer/danst |
| V | Opposite | De/piraat/wandelt | De/smid/wint |
| V | DiffSubj | De/acrobaat/fraudeert | De/goochelaar/fraudeert |
| A | Identity | De/trage/orthodontist | De/trage/orthodontist |
| A | Opposite | De/dramatische/vader | De/enge/moeder |
| A | DiffSubj | De/depressieve/slaaf | De/depressieve/meester |
| V | DiffPred | De/monteur/fraudeert | De/monteur/sterft |
| A | Opposite | Het/dove/slachtoffer | De/knappe/inspecteur |
| V | DiffSubj | Het/kind/zit | De/psycholoog/zit |
| V | Identity | De/minister/typt | De/minister/typt |
| V | DiffSubj | De/stalker/bidt | De/crimineel/bidt |
| V | DiffSubj | De/redacteur/gooit | De/schrijver/gooit |
| V | DiffSubj | De/slager/wandelt | De/groenteman/wandelt |
| A | DiffSubj | De/paarse/orthodontist | De/paarse/gijzelaar |
| V | DiffPred | De/moordenaar/onderzoekt | De/moordenaar/controleert |
| A | DiffPred | De/jonge/conducteur | De/zachte/conducteur |
| A | DiffSubj | De/depressieve/acrobaat | De/depressieve/goochelaar |
| A | DiffPred | De/jonge/koning | De/zachte/koning |
| V | Opposite | Het/slachtoffer/springt | De/inspecteur/valt |
| V | Identity | De/stalker/bidt | De/stalker/bidt |
| A | DiffPred | De/blauwe/minister | De/rode/minister |
| V | Opposite | De/huisarts/danst | De/chirurg/valt/aan |
| A | DiffPred | De/teleurgestelde/leraar | De/blijde/leraar |
| V | DiffPred | De/stalker/springt | De/stalker/valt |
| A | Opposite | Het/harde/slachtoffer | De/ruwe/inspecteur |
| V | DiffPred | De/stalker/danst | De/stalker/valt/aan |
| A | DiffPred | De/glimmende/orthodontist | De/glanzende/orthodontist |
| A | DiffSubj | De/glimmende/gitarist | De/glimmende/zanger |
| V | Opposite | De/minister/koopt | De/dief/krijgt |
| V | Identity | De/orthodontist/verstopt | De/orthodontist/verstopt |
| V | Identity | De/acteur/luistert | De/acteur/luistert |
| V | DiffSubj | Het/slachtoffer/gooit | De/inspecteur/gooit |
| V | DiffSubj | De/koning/geeft | De/hertog/geeft |
| A | DiffPred | De/nieuwe/acteur | De/dof/acteur |
| A | DiffSubj | De/matige/monteur | De/matige/agent |
| V | Opposite | De/acteur/betoverd | De/bezoeker/hypnotiseert |
| A | DiffPred | Het/luidruchtige/meisje | Het/bruine/meisje |
| A | Opposite | De/botte/redacteur | De/onbeleeft/schrijver |
| A | DiffPred | De/verdrietige/koning | De/boze/koning |
| A | Opposite | De/leuke/slaaf | De/magere/meester |
| V | Identity | De/gitarist/onderzoekt | De/gitarist/onderzoekt |
| V | Opposite | De/slager/betreedt | De/groenteman/verlaat |
| V | DiffPred | De/orthodontist/wijst/af | De/orthodontist/fluit |

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| V | Opposite | De/dirigent/kookt | De/brandweerman/traint |
| A | DiffSubj | De/teleurgestelde/leraar | De/teleurgestelde/verpleegster |
| A | Opposite | De/jonge/jager | De/zachte/kapper |
| A | Opposite | De/depressieve/slaaf | De/sombere/meester |
| A | Identity | De/kwaadaardige/acteur | De/kwaadaardige/acteur |
| V | Identity | De/monteur/verstuurt | De/monteur/verstuurt |
| A | DiffPred | Het/harde/slachtoffer | Het/ruwe/slachtoffer |
| V | DiffSubj | De/huisarts/bidt | De/chirurg/bidt |
| A | Opposite | Het/groene/kind | De/gladde/psycholoog |
| V | Identity | De/koning/geeft | De/koning/geeft |
| A | Identity | De/dove/redacteur | De/dove/redacteur |
| V | Opposite | De/scholier/wijst/af | De/student/fluit |
| V | Opposite | De/conducteur/geeft | De/machinist/besproeit |
| V | DiffSubj | De/vader/eet | De/moeder/eet |
| A | Identity | De/trage/scholier | De/trage/scholier |
| V | Identity | De/piraat/betreedt | De/piraat/betreedt |
| A | Opposite | De/leuke/dirigent | De/magere/brandweerman |
| V | Identity | De/monteur/kookt | De/monteur/kookt |
| V | DiffSubj | De/koning/luistert | De/hertog/luistert |
| V | DiffPred | De/piraat/betreedt | De/piraat/verlaat |
| A | DiffPred | De/nieuwe/koning | De/doffe/koning |
| V | Opposite | De/gitarist/wijst/af | De/zanger/fluit |
| V | Identity | De/moordenaar/wijst/af | De/moordenaar/wijst/af |
| V | DiffSubj | De/leraar/eet | De/verpleegster/eet |
| A | Identity | De/depressieve/acrobaat | De/depressieve/acrobaat |
| A | Opposite | De/botte/huisarts | De/onbeleeftde/chirurg |
| V | DiffPred | Het/kind/zit | Het/kind/bakt |
| V | Identity | De/scholier/wijst/af | De/scholier/wijst/af |
| A | Identity | De/botte/redacteur | De/botte/redacteur |
| A | Identity | De/kwaadaardige/koning | De/kwaadaardige/koning |
| V | DiffPred | De/jager/geeft | De/jager/besproeit |
| V | DiffPred | De/acrobaat/fraudeert | De/acrobaat/sterft |
| A | Opposite | De/luidruchtige/vader | De/bruine/moeder |
| A | DiffSubj | De/dramatische/vader | De/dramatische/moeder |
| A | DiffPred | De/groene/slager | De/gladde/slager |
| A | DiffSubj | De/trage/gitarist | De/trage/zanger |
| V | Opposite | De/orthodontist/verstopt | De/gijzelaar/verbergt |
| V | DiffPred | De/dirigent/kookt | De/dirigent/traint |
| A | DiffSubj | De/matige/dirigent | De/matige/brandweerman |
| A | Opposite | De/jonge/koning | De/zachte/hertog |
| A | Identity | De/dankbare/acrobaat | De/dankbare/acrobaat |
| V | Identity | De/slaaf/verstuurt | De/slaaf/verstuurt |
| A | Identity | De/vermoeide/slager | De/vermoeide/slager |
| A | Opposite | De/zwakke/orthodontist | De/sterke/gijzelaar |
| A | DiffPred | De/dankbare/monteur | De/trouwe/monteur |
| V | Identity | De/piraat/ziet | De/piraat/ziet |
| V | Identity | De/huisarts/springt | De/huisarts/springt |
| A | DiffPred | De/depressieve/slaaf | De/sombere/slaaf |
| A | Identity | De/fantastische/piraat | De/fantastische/piraat |
| A | DiffPred | Het/botte/slachtoffer | Het/onbeleeftde/slachtoffer |
| A | DiffPred | De/nieuwe/conducteur | De/doffe/conducteur |
| V | Opposite | De/acrobaat/verdedigt | De/goochelaar/bescherm |
| V | Opposite | De/minister/bereidt | De/dief/schildert |

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|---|----------|----------------------------|-----------------------------|
| A | DiffPred | De/blauwe/vader | De/rode/vader |
| V | Identity | De/prins/wandelt | De/prins/wandelt |
| V | Opposite | De/redacteur/danst | De/schrijver/valt/aan |
| A | Opposite | De/trage/gitarist | De/roze/zanger |
| A | DiffPred | De/jonge/acteur | De/zachte/acteur |
| A | DiffSubj | De/botte/stalker | De/botte/crimineel |
| A | Opposite | De/depressieve/monteur | De/sombere/agent |
| A | DiffSubj | De/dramatische/leraar | De/dramatische/verpleegster |
| A | Opposite | De/leuke/acrobaat | De/magere/goochelaar |
| A | DiffPred | De/depressieve/monteur | De/sombere/monteur |
| V | DiffPred | De/acrobaat/kookt | De/acrobaat/traint |
| A | Opposite | De/nieuwe/koning | De/doffe/hertog |
| A | Identity | De/jonge/acteur | De/jonge/acteur |
| V | DiffPred | De/conducteur/betovert | De/conducteur/hypnotiseert |
| A | Opposite | De/dankbare/slaaf | De/trouwe/meester |
| V | Identity | De/redacteur/bidt | De/redacteur/bidt |
| A | DiffPred | De/dove/redacteur | De/knappe/redacteur |
| A | DiffPred | Het/dramatische/meisje | Het/enge/meisje |
| V | Identity | De/minister/bereidt | De/minister/bereidt |
| V | Opposite | De/huisarts/gooit | De/chirurg/vangt |
| V | Identity | De/slaaf/fraudeert | De/slaaf/fraudeert |
| A | DiffPred | De/teleurgestelde/vader | De/blijde/vader |
| A | Identity | Het/dove/slachtoffer | Het/dove/slachtoffer |
| A | Identity | De/drukke/piraat | De/drukke/piraat |
| A | DiffSubj | De/harde/stalker | De/harde/crimineel |
| V | DiffPred | De/acteur/luistert | De/acteur/zingt |
| A | DiffSubj | De/matige/acrobaat | De/matige/goochelaar |
| A | Opposite | De/heldhaftige/redacteur | De/dappere/schrijver |
| A | Identity | De/groene/prins | De/groene/prins |
| A | DiffPred | De/kwaadaardige/conducteur | De/bedrieglijke/conducteur |
| A | DiffPred | De/zwakke/orthodontist | De/sterke/orthodontist |
| V | Identity | De/minister/eet | De/minister/eet |
| V | DiffPred | Het/kind/betreedt | Het/kind/verlaat |
| A | Opposite | De/nieuwe/jager | De/doffe/kapper |
| V | Identity | De/moordenaar/vermoordt | De/moordenaar/vermoordt |
| A | DiffSubj | De/jonge/jager | De/jonge/kapper |
| V | Opposite | De/koning/betovert | De/hertog/hypnotiseert |
| A | DiffPred | De/fantastische/slager | De/geweldige/slager |
| V | DiffSubj | De/leraar/koopt | De/verpleegster/koopt |
| A | Opposite | De/kwaadaardige/koning | De/bedrieglijke/hertog |
| A | DiffSubj | De/glimmende/orthodontist | De/glimmende/gijzelaar |
| V | Identity | Het/meisje/bereidt | Het/meisje/bereidt |
| V | DiffSubj | De/prins/zit | De/prinses/zit |
| A | DiffSubj | De/dove/stalker | De/dove/crimineel |
| A | Opposite | Het/botte/slachtoffer | De/onbeleeftde/inspecteur |
| V | Opposite | De/dirigent/verdedigt | De/brandweerman/bescherm |
| V | Opposite | De/jager/geeft | De/kapper/besproeit |
| A | Opposite | De/paarse/moordenaar | De/glinsterende/activist |
| V | Identity | De/scholier/onderzoekt | De/scholier/onderzoekt |
| A | DiffSubj | De/paarse/gitarist | De/paarse/zanger |
| A | Identity | De/matige/slaaf | De/matige/slaaf |
| V | DiffPred | De/leraar/eet | De/leraar/drinkt |
| V | DiffPred | Het/slachtoffer/gooit | Het/slachtoffer/vangt |

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|---|----------|----------------------------|-----------------------------|
| A | Identity | De/luidruchtige/leraar | De/luidruchtige/leraar |
| V | DiffSubj | De/monteur/kookt | De/agent/kookt |
| V | DiffPred | Het/meisje/koopt | Het/meisje/krijgt |
| A | Opposite | De/groene/slager | De/gladde/groenteman |
| V | DiffPred | De/stalker/bidt | De/stalker/helpt |
| V | DiffSubj | Het/kind/wandelt | De/psycholoog/wandelt |
| A | DiffSubj | De/jonge/acteur | De/jonge/bezoeker |
| A | DiffPred | De/vermoeide/piraat | De/energieke/piraat |
| A | DiffSubj | De/kwaadaardige/conducteur | De/kwaadaardige/machinist |
| V | DiffSubj | De/slaaf/verdedigt | De/meester/verdedigt |
| A | Identity | De/leuke/monteur | De/leuke/monteur |
| V | DiffSubj | De/gitarist/onderzoekt | De/zanger/onderzoekt |
| V | Opposite | De/orthodontist/wijst/af | De/gijzelaar/fluit |
| A | DiffSubj | Het/dramatische/meisje | De/dramatische/jongen |
| V | DiffPred | De/huisarts/bidt | De/huisarts/helpt |
| V | DiffPred | De/slaaf/verdedigt | De/slaaf/bescherm |
| V | DiffSubj | De/koning/brabbelt | De/hertog/brabbelt |
| V | Opposite | De/redacteur/bidt | De/schrijver/helpt |
| V | Opposite | Het/meisje/koopt | De/jongen/krijgt |
| A | DiffSubj | De/matige/slaaf | De/matige/meester |
| V | Opposite | De/koning/geeft | De/hertog/besproeit |
| A | DiffSubj | De/jonge/koning | De/jonge/hertog |
| V | DiffSubj | De/slager/betreedt | De/groenteman/betreedt |
| V | Identity | Het/kind/betreedt | Het/kind/betreedt |
| A | DiffPred | De/dove/huisarts | De/knappe/huisarts |
| V | DiffSubj | De/acteur/luistert | De/bezoeker/luistert |
| A | Identity | De/nieuwe/acteur | De/nieuwe/acteur |
| A | Identity | De/dove/huisarts | De/dove/huisarts |
| A | DiffSubj | De/blauwe/leraar | De/blauwe/verpleegster |
| V | DiffSubj | De/scholier/vermoordt | De/student/vermoordt |
| V | Opposite | De/moordenaar/vermoordt | De/activist/schrijft |
| A | Identity | De/paarse/gitarist | De/paarse/gitarist |
| A | DiffSubj | De/verdrietige/acteur | De/verdrietige/bezoeker |
| A | Opposite | De/trage/orthodontist | De/roze/gijzelaar |
| V | DiffSubj | De/huisarts/gooit | De/chirurg/gooit |
| V | DiffSubj | De/slaaf/verstuurt | De/meester/verstuurt |
| A | Opposite | De/matige/dirigent | De/geschikte/brandweerman |
| A | Identity | De/botte/stalker | De/botte/stalker |
| A | DiffSubj | De/trage/moordenaar | De/trage/activist |
| V | DiffSubj | De/slager/ziet | De/groenteman/ziet |
| A | Identity | De/glimmende/scholier | De/glimmende/scholier |
| A | Opposite | De/leuke/monteur | De/magere/agent |
| V | Opposite | Het/slachtoffer/gooit | De/inspecteur/vangt |
| V | DiffPred | De/huisarts/gooit | De/huisarts/vangt |
| V | DiffPred | De/minister/eet | De/minister/drinkt |
| V | DiffPred | De/orthodontist/onderzoekt | De/orthodontist/controleert |
| A | Opposite | Het/blauwe/meisje | De/rode/jongen |
| A | DiffPred | Het/drukke/kind | Het/oranje/kind |
| A | Opposite | De/blauwe/vader | De/rode/moeder |
| A | DiffSubj | De/groene/prins | De/groene/prinses |
| A | Opposite | De/paarse/orthodontist | De/glinsterende/gijzelaar |
| A | Opposite | Het/vermoeide/kind | De/energieke/psycholoog |
| V | DiffPred | De/minister/bereidt | De/minister/schildert |

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|---|----------|----------------------------|---------------------------|
| A | Identity | De/nieuwe/koning | De/nieuwe/koning |
| V | Identity | De/acrobaat/verstuurt | De/acrobaat/verstuurt |
| V | Opposite | De/koning/luistert | De/hertog/zingt |
| A | Identity | De/heldhaftige/stalker | De/heldhaftige/stalker |
| V | DiffSubj | De/minister/typt | De/dief/typt |
| A | Identity | De/harde/huisarts | De/harde/huisarts |
| A | Identity | De/depressieve/dirigent | De/depressieve/dirigent |
| V | DiffSubj | Het/kind/betreedt | De/psycholoog/betreedt |
| A | DiffSubj | De/leuke/acrobaat | De/leuke/goochelaar |
| A | DiffPred | De/verdrietige/acteur | De/boze/acteur |
| V | DiffSubj | De/piraat/betreedt | De/smid/betreedt |
| A | Opposite | De/teleurgestelde/leraar | De/blijde/verpleegster |
| V | DiffSubj | De/scholier/wijst/af | De/student/wijst/af |
| V | Opposite | De/minister/typt | De/dief/veroordeelt |
| A | Opposite | De/kwaadaardige/conducteur | De/bedrieglijke/machinist |
| V | DiffSubj | Het/meisje/typt | De/jongen/typt |
| V | Opposite | De/orthodontist/onderzoekt | De/gijzelaar/controleert |
| V | Opposite | De/conducteur/luistert | De/machinist/zingt |
| A | Opposite | De/jonge/acteur | De/zachte/bezoeker |
| A | DiffSubj | De/nieuwe/conducteur | De/nieuwe/machinist |
| V | Opposite | Het/slachtoffer/bidt | De/inspecteur/helpt |
| A | DiffPred | De/botte/huisarts | De/onbeleeftde/huisarts |
| A | Opposite | De/glimmende/orthodontist | De/glanzende/gijzelaar |
| V | DiffSubj | De/slaaf/kookt | De/meester/kookt |
| A | DiffPred | De/botte/stalker | De/onbeleeftde/stalker |
| V | Identity | De/koning/brabbelt | De/koning/brabbelt |
| V | DiffSubj | De/redacteur/springt | De/schrijver/springt |
| A | DiffPred | De/luidruchtige/minister | De/bruine/minister |
| A | DiffSubj | De/nieuwe/koning | De/nieuwe/hertog |
| A | DiffSubj | De/kwaadaardige/acteur | De/kwaadaardige/bezoeker |
| A | Opposite | De/vermoeide/slager | De/energieke/groenteman |
| V | DiffPred | Het/meisje/typt | Het/meisje/veroordeelt |
| A | Identity | De/matige/dirigent | De/matige/dirigent |
| V | DiffPred | De/conducteur/geeft | De/conducteur/besproeit |
| V | Opposite | De/vader/bereidt | De/moeder/schildert |
| A | DiffPred | De/dove/stalker | De/knappe/stalker |
| V | Opposite | De/moordenaar/wijst/af | De/activist/fluit |
| V | DiffPred | De/redacteur/springt | De/redacteur/valt |
| V | Opposite | De/piraat/ziet | De/smid/pakt |
| V | Identity | De/slaaf/verdedigt | De/slaaf/verdedigt |
| A | Opposite | Het/teleurgestelde/meisje | De/blijde/jongen |
| A | DiffPred | De/fantastische/piraat | De/geweldige/piraat |
| A | Identity | De/verdrietige/conducteur | De/verdrietige/conducteur |
| A | DiffSubj | Het/blauwe/meisje | De/blauwe/jongen |
| A | DiffSubj | De/luidruchtige/vader | De/luidruchtige/moeder |
| A | DiffSubj | De/trage/orthodontist | De/trage/gijzelaar |
| V | Identity | De/acrobaat/fraudeert | De/acrobaat/fraudeert |
| V | Identity | De/slager/zit | De/slager/zit |
| A | DiffSubj | De/teleurgestelde/vader | De/teleurgestelde/moeder |
| V | DiffSubj | De/moordenaar/verstoort | De/activist/verstoort |
| A | DiffSubj | Het/luidruchtige/meisje | De/luidruchtige/jongen |
| A | DiffSubj | Het/groene/kind | De/groene/psycholoog |
| V | Opposite | De/slaaf/verdedigt | De/meester/bescherm |

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|---------------|------------|---------------------------|-----------------------------|
| A | Identity | De/verdrietige/koning | De/verdrietige/koning |
| V | DiffPred | De/dirigent/fraudeert | De/dirigent/sterft |
| A | Identity | Het/fantastische/kind | Het/fantastische/kind |
| V | DiffPred | De/acteur/betovert | De/acteur/hypnotiseert |
| A | Opposite | De/verdrietige/conducteur | De/boze/machinist |
| A | Opposite | De/dramatische/minister | De/enge/dief |
| A | DiffSubj | De/verdrietige/koning | De/verdrietige/hertog |
| A | DiffPred | De/depressieve/dirigent | De/sombere/dirigent |
| A | DiffPred | De/vermoeide/prins | De/energieke/prins |
| V | DiffSubj | De/prins/betreedt | De/prinses/betreedt |
| V | DiffPred | De/prins/ziet | De/prins/pakt |
| V | Identity | De/huisarts/danst | De/huisarts/danst |
| V | DiffSubj | De/prins/ziet | De/prinses/ziet |
| V | DiffSubj | De/jager/brabbelt | De/kapper/brabbelt |
| V | Identity | De/moordenaar/onderzoekt | De/moordenaar/onderzoekt |
| A | DiffSubj | De/nieuwe/jager | De/nieuwe/kapper |
| V | DiffSubj | De/slager/zit | De/groenteman/zit |
| A | DiffPred | De/zwakke/moordenaar | De/sterke/moordenaar |
| A | DiffSubj | Het/vermoeide/kind | De/vermoeide/psycholoog |
| V | Identity | De/minister/koopt | De/minister/koopt |
| V | DiffSubj | De/prins/wandelt | De/prinses/wandelt |
| V | Identity | De/scholier/vermoordt | De/scholier/vermoordt |
| V | DiffSubj | De/moordenaar/vermoordt | De/activist/vermoordt |
| V | DiffSubj | De/vader/typt | De/moeder/typt |
| A | DiffPred | De/glimmende/gitarist | De/glanzende/gitarist |
| V | Identity | Het/slachtoffer/gooit | Het/slachtoffer/gooit |
| A | Identity | De/zwakke/moordenaar | De/zwakke/moordenaar |
| A | DiffSubj | De/dankbare/monteur | De/dankbare/agent |
| A | DiffPred | De/luidruchtige/vader | De/bruine/vader |
| A | DiffPred | Het/blauwe/meisje | Het/rode/meisje |
| V | Opposite | Het/kind/betreedt | De/psycholoog/verlaat |
| V | DiffSubj | De/minister/eet | De/dief/eet |
| V | DiffSubj | De/jager/betovert | De/kapper/betovert |
| A | Identity | De/groene/piraat | De/groene/piraat |
| V | Opposite | De/moordenaar/onderzoekt | De/activist/controleert |
| V | Opposite | De/monteur/verstuurt | De/agent/ontvangt |
| V | DiffPred | De/vader/typt | De/vader/veroordeelt |
| A | Identity | De/verdrietige/jager | De/verdrietige/jager |
| A | Identity | Het/harde/slachtoffer | Het/harde/slachtoffer |
| A | Opposite | De/fantastische/piraat | De/geweldige/smid |
| V | Identity | De/huisarts/gooit | De/huisarts/gooit |
| A | DiffSubj | De/depressieve/dirigent | De/depressieve/brandweerman |
| V | Identity | De/monteur/fraudeert | De/monteur/fraudeert |
| A | Identity | De/fantastische/prins | De/fantastische/prins |
| A | Opposite | De/luidruchtige/minister | De/bruine/dief |
| A | DiffPred | De/dramatische/leraar | De/enge/leraar |
| V | DiffPred | De/slaaf/kookt | De/slaaf/traint |
| V | Opposite | De/minister/eet | De/dief/drinkt |
| A | Identity | De/depressieve/slaaf | De/depressieve/slaaf |
| V | Opposite | De/vader/eet | De/moeder/drinkt |
| V | DiffSubj | De/acteur/geeft | De/bezoeker/geeft |
| V | Opposite | Het/kind/ziet | De/psycholoog/pakt |
| PredicateType | AnswerType | Target | A |

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|---|----------|-----------------------------|-----------------------------|
| V | DiffPred | De/goochelaar/ontvangt | De/goochelaar/verstuurt |
| V | DiffPred | De/smid/bakt | De/smid/zit |
| V | DiffSubj | De/brandweerman/ontvangt | De/dirigent/ontvangt |
| V | Opposite | De/crimineel/valt | De/stalker/springt |
| V | DiffPred | De/brandweerman/ontvangt | De/brandweerman/verstuurt |
| A | Opposite | De/bedrieglijke/bezoeker | De/kwaadaardige/acteur |
| A | Identity | De/dappere/schrijver | De/dappere/schrijver |
| A | DiffPred | De/roze/activist | De/trage/activist |
| V | Opposite | De/goochelaar/sterft/ | De/acrobaat/fraudeert |
| A | DiffPred | De/bedrieglijke/bezoeker | De/kwaadaardige/bezoeker |
| V | Opposite | De/prinses/bakt | De/prins/zit |
| A | Opposite | De/gladde/prinses | De/groene/prins |
| A | Identity | De/magere/meester | De/magere/meester |
| A | Opposite | De/bruine/verpleegster | De/luidruchtige/leraar |
| V | Opposite | De/chirurg/helpt | De/huisarts/bidt |
| V | DiffPred | De/hertog/zingt | De/hertog/luistert |
| A | Opposite | De/trouwe/goochelaar | De/dankbare/acrobaat |
| A | Opposite | De/dappere/chirurg | De/heldhaftige/huisarts |
| V | DiffPred | De/kapper/zingt | De/kapper/luistert |
| A | DiffPred | De/blije/dief | De/teleurgestelde/dief |
| V | Opposite | De/agent/traint | De/monteur/kookt |
| A | Identity | De/energieke/smid | De/energieke/smid |
| V | DiffSubj | De/smid/pakt | De/piraat/pakt |
| A | Identity | De/blije/jongen | De/blije/jongen |
| V | Identity | De/bezoeker/hypnotiseert | De/bezoeker/hypnotiseert |
| A | Identity | De/bruine/dief | De/bruine/dief |
| A | DiffSubj | De/dappere/crimineel | De/dappere/stalker |
| A | Identity | De/enge/jongen | De/enge/jongen |
| V | DiffSubj | De/activist/controleert | De/moordenaar/controleert |
| V | Identity | De/bezoeker/besproeit | De/bezoeker/besproeit |
| V | DiffSubj | De/gijzelaar/schrijft | De/orthodontist/schrijft |
| A | Identity | De/glinsterende/activist | De/glinsterende/activist |
| V | Identity | De/bezoeker/citeert | De/bezoeker/citeert |
| A | Identity | De/bruine/jongen | De/bruine/jongen |
| A | Opposite | De/oranje/psycholoog | Het/drukke/kind |
| V | Identity | De/verpleegster/veroordeelt | De/verpleegster/veroordeelt |
| V | Identity | De/kapper/hypnotiseert | De/kapper/hypnotiseert |
| V | Identity | De/moeder/krijgt | De/moeder/krijgt |
| V | Identity | De/machinist/zingt | De/machinist/zingt |
| V | DiffSubj | De/machinist/hypnotiseert | De/conducteur/hypnotiseert |
| V | Opposite | De/prinses/verlaat | De/prins/betreedt |
| A | Identity | De/oranje/psycholoog | De/oranje/psycholoog |
| A | Identity | De/zachte/kapper | De/zachte/kapper |
| A | DiffPred | De/geweldige/psycholoog | De/fantastische/psycholoog |
| V | Opposite | De/crimineel/vangt | De/stalker/gooit |
| A | Opposite | De/knappe/chirurg | De/dove/huisarts |
| V | DiffPred | De/verpleegster/krijgt | De/verpleegster/koopt |
| A | Identity | De/blije/dief | De/blije/dief |
| V | Identity | De/crimineel/valt/aan | De/crimineel/valt/aan |
| A | DiffPred | De/gladde/psycholoog | De/groene/psycholoog |
| A | Opposite | De/oranje/groenteman | De/drukke/slager |
| V | DiffSubj | De/smid/bakt | De/piraat/bakt |
| V | Opposite | De/schrijver/vangt | De/redacteur/gooit |

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| V | Identity | De/machinist/besproeit | De/machinist/besproeit |
| A | Identity | De/rode/jongen | De/rode/jongen |
| V | DiffPred | De/schrijver/valt/aan | De/schrijver/danst |
| V | Identity | De/schrijver/vangt | De/schrijver/vangt |
| A | Opposite | De/blije/dief | De/teleurgestelde/minister |
| V | DiffPred | De/schrijver/vangt | De/schrijver/gooit |
| V | Identity | De/verpleegster/drinkt | De/verpleegster/drinkt |
| V | DiffPred | De/groenteman/verlaat | De/groenteman/betreedt |
| A | Opposite | De/rode/dief | De/blauwe/minister |
| V | Identity | De/groenteman/verlaat | De/groenteman/verlaat |
| A | DiffPred | De/rode/verpleegster | De/blauwe/verpleegster |
| V | Opposite | De/goochelaar/traint | De/acrobaat/kookt |
| V | Identity | De/agent/beschermt | De/agent/beschermt |
| A | Opposite | De/sterke/zanger | De/zwakke/gitarist |
| V | Opposite | De/zanger/controleert | De/gitarist/onderzoekt |
| A | DiffPred | De/zachte/kapper | De/jonge/kapper |
| V | Opposite | De/groenteman/pakt | De/slager/ziet |
| V | DiffSubj | De/smid/wint | De/piraat/wint |
| V | Opposite | De/kapper/zingt | De/jager/luistert |
| V | Identity | De/prinses/verlaat | De/prinses/verlaat |
| V | Opposite | De/smid/bakt | De/piraat/zit |
| A | Opposite | De/knappe/schrijver | De/dove/redacteur |
| V | Identity | De/schrijver/valt/aan | De/schrijver/valt/aan |
| A | Identity | De/energieke/psycholoog | De/energieke/psycholoog |
| A | DiffSubj | De/boze/kapper | De/boze/jager |
| V | DiffPred | De/hertog/citeert | De/hertog/brabbelt |
| V | Identity | De/brandweerman/beschermt | De/brandweerman/beschermt |
| V | Identity | De/crimineel/vangt | De/crimineel/vangt |
| A | Identity | De/zachte/machinist | De/zachte/machinist |
| V | Identity | De/crimineel/valt | De/crimineel/valt |
| A | DiffPred | De/enge/moeder | De/dramatische/moeder |
| A | Opposite | De/glanzende/student | De/glimmende/scholier |
| V | Opposite | De/meester/sterft | De/slaaf/fraudeert |
| V | DiffPred | De/gijzelaar/schrijft | De/gijzelaar/vermoordt |
| V | Identity | De/brandweerman/sterft | De/brandweerman/sterft |
| A | DiffSubj | De/trouwe/goochelaar | De/trouwe/acrobaat |
| V | Identity | De/smid/wint | De/smid/wint |
| V | DiffSubj | De/agent/sterft | De/monteur/sterft |
| A | DiffPred | De/blije/jongen | De/teleurgestelde/jongen |
| A | Identity | De/bedrieglijke/kapper | De/bedrieglijke/kapper |
| V | DiffSubj | De/bezoeker/citeert | De/acteur/citeert |
| A | Opposite | De/roze/activist | De/trage/moordenaar |
| A | DiffPred | De/trouwe/goochelaar | De/dankbare/goochelaar |
| A | Identity | De/bruine/moeder | De/bruine/moeder |
| V | DiffSubj | De/dief/schildert | De/minister/schildert |
| A | DiffSubj | De/bruine/dief | De/bruine/minister |
| V | Identity | De/gijzelaar/schrijft | De/gijzelaar/schrijft |
| V | Identity | De/gijzelaar/controleert | De/gijzelaar/controleert |
| A | Opposite | De/geschikte/agent | De/matige/monteur |
| V | Identity | De/groenteman/wint | De/groenteman/wint |
| V | Identity | De/verpleegster/schildert | De/verpleegster/schildert |
| V | Opposite | De/machinist/citeert | De/conducteur/brabbelt |
| V | DiffPred | De/activist/verbergt | De/activist/verstoep |

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| A | Opposite | De/energieke/prinses | De/vermoeide/prins |
| V | DiffSubj | De/machinist/citeert | De/conducteur/citeert |
| A | DiffPred | De/geschikte/agent | De/matige/agent |
| A | DiffSubj | De/trouwe/brandweerman | De/trouwe/dirigent |
| V | DiffPred | De/agent/ontvangt | De/agent/verstuurt |
| V | Identity | De/moeder/veroordeelt | De/moeder/veroordeelt |
| A | Identity | De/roze/zanger | De/roze/zanger |
| A | DiffSubj | De/knappe/chirurg | De/knappe/huisarts |
| A | DiffPred | De/geschikte/meester | De/matige/meester |
| V | DiffSubj | De/psycholoog/pakt | Het/kind/pakt |
| V | DiffSubj | De/kapper/zingt | De/jager/zingt |
| V | DiffPred | De/zanger/schrijft | De/zanger/vermoordt |
| A | DiffPred | De/sombere/goochelaar | De/depressieve/goochelaar |
| V | DiffSubj | De/gijzelaar/fluit | De/orthodontist/fluit |
| V | Opposite | De/student/verbergt | De/scholier/verstopt |
| A | Opposite | De/ruwe/schrijver | De/harde/redacteur |
| V | DiffSubj | De/zanger/verbergt | De/gitarist/verbergt |
| A | Identity | De/blijje/moeder | De/blijje/moeder |
| V | Opposite | De/schrijver/valt | De/redacteur/springt |
| A | DiffSubj | De/trouwe/meester | De/trouwe/slaaf |
| V | Opposite | De/student/controleert | De/scholier/onderzoekt |
| A | Opposite | De/boze/hertog | De/verdriete/koning |
| V | Identity | De/gijzelaar/fluit | De/gijzelaar/fluit |
| A | DiffPred | De/gladde/prinses | De/groene/prinses |
| A | Opposite | De/roze/student | De/trage/scholier |
| V | DiffSubj | De/jongen/drinkt | Het/meisje/drinkt |
| A | DiffSubj | De/oranje/groenteman | De/oranje/slager |
| V | Identity | De/zanger/fluit | De/zanger/fluit |
| V | DiffPred | De/inspecteur/helpt | De/inspecteur/bidt |
| V | DiffPred | De/hertog/besproeit | De/hertog/geeft |
| A | DiffSubj | De/bedrieglijke/hertog | De/bedrieglijke/koning |
| A | Opposite | De/doffe/bezoeker | De/nieuwe/acteur |
| V | DiffSubj | De/chirurg/valt/aan | De/huisarts/valt/aan |
| A | Identity | De/trouwe/brandweerman | De/trouwe/brandweerman |
| A | Opposite | De/bruine/jongen | Het/luidruchtige/meisje |
| V | DiffSubj | De/brandweerman/traint | De/dirigent/traint |
| A | DiffPred | De/energieke/groenteman | De/vermoeide/groenteman |
| V | Opposite | De/verpleegster/veroordeelt | De/leraar/typt |
| A | DiffPred | De/onbeleeftde/schrijver | De/botte/schrijver |
| A | DiffSubj | De/oranje/prinses | De/oranje/prins |
| V | Opposite | De/hertog/citeert | De/koning/brabbelt |
| A | Identity | De/boze/bezoeker | De/boze/bezoeker |
| V | DiffPred | De/hertog/hypnotiseert | De/hertog/betovert |
| V | DiffPred | De/prinses/wint | De/prinses/wandelt |
| A | DiffPred | De/sterke/zanger | De/zwakke/zanger |
| A | Opposite | De/ruwe/chirurg | De/harde/huisarts |
| V | DiffPred | De/zanger/fluit | De/zanger/wijst/af |
| V | Identity | De/jongen/krijgt | De/jongen/krijgt |
| A | Opposite | De/blijje/moeder | De/teleurgestelde/vader |
| V | DiffSubj | De/student/verbergt | De/scholier/verbergt |
| A | DiffSubj | De/gladde/smid | De/gladde/piraat |
| A | DiffPred | De/glanzende/student | De/glimmende/student |
| A | Opposite | De/energieke/smid | De/vermoeide/piraat |

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|---|----------|---------------------------|----------------------------|
| A | Opposite | De/boze/kapper | De/verdriete/jager |
| A | Identity | De/magere/brandweerman | De/magere/brandweerman |
| A | DiffPred | De/dappere/inspecteur | De/heldhaftige/inspecteur |
| V | DiffPred | De/student/verbergt | De/student/verstopt |
| V | Opposite | De/verpleegster/drinkt | De/leraar/eet |
| A | DiffPred | De/ruwe/chirurg | De/harde/chirurg |
| A | Identity | De/rode/moeder | De/rode/moeder |
| A | DiffPred | De/glinsterende/activist | De/paarse/activist |
| A | DiffSubj | De/glinsterende/activist | De/glinsterende/moordenaar |
| V | DiffPred | De/schrijver/helpt | De/schrijver/bidt |
| A | Opposite | De/sterke/activist | De/zwakke/moordenaar |
| A | Identity | De/doffe/machinist | De/doffe/machinist |
| A | DiffSubj | De/sterke/gijzelaar | De/sterke/orthodontist |
| V | DiffSubj | De/student/controleert | De/scholier/controleert |
| V | DiffPred | De/chirurg/valt | De/chirurg/springt |
| V | Identity | De/psycholoog/pakt | De/psycholoog/pakt |
| A | DiffSubj | De/bruine/verpleegster | De/bruine/leraar |
| V | DiffSubj | De/goochelaar/bescherm | De/acrobaat/bescherm |
| A | Identity | De/geschikte/goochelaar | De/geschikte/goochelaar |
| A | Identity | De/glinsterende/gijzelaar | De/glinsterende/gijzelaar |
| V | DiffPred | De/psycholoog/wint | De/psycholoog/wandelt |
| V | Opposite | De/bezoeker/citeert | De/acteur/brabbelt |
| V | DiffSubj | De/jongen/schildert | Het/meisje/schildert |
| A | Opposite | De/sterke/student | De/zwakke/scholier |
| A | Opposite | De/bedrieglijke/kapper | De/kwaadaardige/jager |
| A | Identity | De/zachte/hertog | De/zachte/hertog |
| V | DiffPred | De/groenteman/wint | De/groenteman/wandelt |
| A | Identity | De/glanzende/activist | De/glanzende/activist |
| V | DiffSubj | De/machinist/besproeit | De/conducteur/besproeit |
| A | Opposite | De/glinsterende/zanger | De/paarse/gitarist |
| A | DiffPred | De/magere/goochelaar | De/leuke/goochelaar |
| V | DiffSubj | De/brandweerman/bescherm | De/dirigent/bescherm |
| V | Identity | De/student/verbergt | De/student/verbergt |
| V | DiffPred | De/kapper/hypnotiseert | De/kapper/betovert |
| A | DiffPred | De/roze/zanger | De/trage/zanger |
| A | DiffPred | De/magere/brandweerman | De/leuke/brandweerman |
| A | DiffPred | De/energieke/psycholoog | De/vermoeide/psycholoog |
| V | Identity | De/psycholoog/bakt | De/psycholoog/bakt |
| V | Identity | De/jongen/veroordeelt | De/jongen/veroordeelt |
| A | Identity | De/rode/dief | De/rode/dief |
| A | DiffPred | De/gladde/smid | De/groene/smid |
| V | Opposite | De/gijzelaar/schrijft | De/orthodontist/vermoordt |
| V | Identity | De/kapper/citeert | De/kapper/citeert |
| V | DiffSubj | De/machinist/zingt | De/conducteur/zingt |
| V | DiffPred | De/smid/pakt | De/smid/ziet |
| V | Identity | De/chirurg/helpt | De/chirurg/helpt |
| A | DiffSubj | De/sterke/zanger | De/sterke/gitarist |
| A | DiffPred | De/bedrieglijke/hertog | De/kwaadaardige/hertog |
| V | DiffPred | De/moeder/krijgt | De/moeder/koopt |
| V | DiffPred | De/psycholoog/pakt | De/psycholoog/ziet |
| V | DiffPred | De/activist/fluit | De/activist/wijst/af |
| V | DiffPred | De/groenteman/pakt | De/groenteman/ziet |
| A | DiffSubj | De/roze/student | De/roze/scholier |

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|---|----------|---------------------------|------------------------------|
| A | DiffSubj | De/geweldige/groenteman | De/geweldige/slager |
| A | DiffPred | De/oranje/smid | De/drukke/smid |
| A | Identity | De/dappere/chirurg | De/dappere/chirurg |
| V | DiffPred | De/kapper/citeert | De/kapper/brabbelt |
| V | Opposite | De/moeder/krijgt | De/vader/koopt |
| V | Identity | De/brandweerman/traint | De/brandweerman/traint |
| V | DiffSubj | De/moeder/schildert | De/vader/schildert |
| V | DiffSubj | De/agent/ontvangt | De/monteur/ontvangt |
| V | Opposite | De/verpleegster/krijgt | De/leraar/koopt |
| V | Opposite | De/prinses/pakt | De/prins/ziet |
| A | Identity | De/trouwe/meester | De/trouwe/meester |
| V | DiffPred | De/inspecteur/valt | De/inspecteur/springt |
| A | DiffSubj | De/geweldige/prinses | De/geweldige/prins |
| A | DiffPred | De/knappe/inspecteur | De/dove/inspecteur |
| V | Identity | De/moeder/schildert | De/moeder/schildert |
| V | Opposite | De/zanger/schrijft | De/gitarist/vermoordt |
| V | Opposite | De/activist/verbergt | De/moordenaar/verstoet |
| A | Opposite | De/glanzende/activist | De/glimmende/moordenaar |
| A | DiffSubj | De/dappere/inspecteur | Het/dappere/slachtoffer |
| A | DiffPred | De/bruine/verpleegster | De/luidruchtige/verpleegster |
| A | DiffPred | De/dappere/crimineel | De/heldhaftige/crimineel |
| V | Identity | De/smid/bakt | De/smid/bakt |
| V | DiffPred | De/agent/bescherm | De/agent/verdedigt |
| V | DiffSubj | De/inspecteur/valt | Het/slachtoffer/valt |
| V | Opposite | De/jongen/schildert | Het/meisje/bereidt |
| A | Opposite | De/knappe/crimineel | De/dove/stalker |
| V | DiffPred | De/gijzelaar/verbergt | De/gijzelaar/verstoet |
| A | DiffSubj | De/geweldige/smid | De/geweldige/piraat |
| V | Opposite | De/crimineel/helpt | De/stalker/bidt |
| A | DiffPred | De/glinsterende/student | De/paarse/student |
| A | DiffPred | De/ruwe/crimineel | De/harde/crimineel |
| A | DiffPred | De/geschikte/brandweerman | De/matige/brandweerman |
| V | Identity | De/schrijver/valt | De/schrijver/valt |
| A | DiffSubj | De/rode/moeder | De/rode/vader |
| A | DiffPred | De/oranje/prinses | De/drukke/prinses |
| V | Opposite | De/moeder/veroordeelt | De/vader/typt |
| A | DiffSubj | De/geweldige/psycholoog | Het/geweldige/kind |
| A | DiffSubj | De/bedrieglijke/kapper | De/bedrieglijke/jager |
| V | Opposite | De/verpleegster/schildert | De/leraar/bereidt |
| V | DiffPred | De/moeder/drinkt | De/moeder/eet |
| V | Opposite | De/meester/ontvangt | De/slaaf/verstuurt |
| V | Identity | De/psycholoog/wint | De/psycholoog/wint |
| V | DiffPred | De/groenteman/bakt | De/groenteman/zit |
| V | DiffSubj | De/activist/fluit | De/moordenaar/fluit |
| A | DiffPred | De/dappere/schrijver | De/heldhaftige/schrijver |
| A | Opposite | De/oranje/smid | De/drukke/piraat |
| V | DiffPred | De/jongen/schildert | De/jongen/bereidt |
| V | DiffSubj | De/agent/bescherm | De/monteur/bescherm |
| V | Opposite | De/inspecteur/valt/aan | Het/slachtoffer/danst |
| V | Identity | De/prinses/bakt | De/prinses/bakt |
| A | Opposite | De/geschikte/meester | De/matige/slaaf |
| A | Opposite | De/enge/jongen | Het/dramatische/meisje |
| V | DiffPred | De/student/controleert | De/student/onderzoekt |

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|---|----------|---------------------------|-----------------------------|
| A | DiffPred | De/magere/meester | De/leuke/meester |
| A | Opposite | De/glanzende/zanger | De/glimmende/gitarist |
| V | DiffSubj | De/verpleegster/schildert | De/leraar/schildert |
| V | DiffPred | De/brandweerman/beschermt | De/brandweerman/verdedigt |
| A | Opposite | De/trouwe/brandweerman | De/dankbare/dirigent |
| A | Opposite | De/sombere/goochelaar | De/depressieve/acrobaat |
| A | DiffSubj | De/glanzende/activist | De/glanzende/moordenaar |
| V | Identity | De/goochelaar/beschermt | De/goochelaar/beschermt |
| A | DiffSubj | De/blije/dief | De/blije/minister |
| V | DiffPred | De/meester/sterft | De/meester/fraudeert |
| V | Identity | De/jongen/drinkt | De/jongen/drinkt |
| A | Opposite | De/trouwe/agent | De/dankbare/monteur |
| V | DiffPred | De/prinses/bakt | De/prinses/zit |
| A | Opposite | De/dappere/inspecteur | Het/heldhaftige/slachtoffer |
| V | DiffPred | De/chirurg/valt/aan | De/chirurg/danst |
| A | DiffSubj | De/gladde/groenteman | De/gladde/slager |
| A | DiffSubj | De/onbeleefde/schrijver | De/onbeleefde/redacteur |
| V | DiffSubj | De/inspecteur/valt/aan | Het/slachtoffer/valt/aan |
| V | Opposite | De/meester/traint | De/slaaf/kookt |
| A | DiffPred | De/glanzende/activist | De/glimmende/activist |
| A | DiffSubj | De/enge/dief | De/enge/minister |
| A | DiffSubj | De/energieke/smid | De/energieke/piraat |
| A | DiffPred | De/glinsterende/zanger | De/paarse/zanger |
| V | Opposite | De/machinist/hypnotiseert | De/conducteur/betovert |
| V | DiffPred | De/crimineel/vangt | De/crimineel/gooit |
| V | DiffSubj | De/zanger/schrijft | De/gitarist/schrijft |
| V | DiffSubj | De/jongen/krijgt | Het/meisje/krijgt |
| V | DiffPred | De/goochelaar/beschermt | De/goochelaar/verdedigt |
| V | Opposite | De/student/schrijft | De/scholier/vermoordt |
| V | DiffPred | De/machinist/citeert | De/machinist/brabbelt |
| A | Identity | De/glanzende/zanger | De/glanzende/zanger |
| V | Opposite | De/brandweerman/sterft | De/dirigent/fraudeert |
| A | DiffSubj | De/magere/agent | De/magere/monteur |
| V | DiffSubj | De/crimineel/valt/aan | De/stalker/valt/aan |
| V | DiffPred | De/student/fluit | De/student/wijst/af |
| A | Opposite | De/dappere/crimineel | De/heldhaftige/stalker |
| A | Identity | De/doffe/kapper | De/doffe/kapper |
| A | DiffSubj | De/knappe/schrijver | De/knappe/redacteur |
| A | DiffPred | De/bedrieglijke/kapper | De/kwaadaardige/kapper |
| A | DiffSubj | De/onbeleefde/inspecteur | Het/onbeleefde/slachtoffer |
| A | DiffSubj | De/ruwe/chirurg | De/ruwe/huisarts |
| V | DiffPred | De/zanger/controleert | De/zanger/onderzoekt |
| A | Opposite | De/geweldige/psycholoog | Het/fantastische/kind |
| V | DiffPred | De/dief/krijgt | De/dief/koopt |
| V | Identity | De/prinses/pakt | De/prinses/pakt |
| V | Identity | De/inspecteur/helpt | De/inspecteur/helpt |
| V | DiffSubj | De/gijzelaar/controleert | De/orthodontist/controleert |
| A | Identity | De/ruwe/crimineel | De/ruwe/crimineel |
| A | DiffPred | De/boze/machinist | De/verdriete/machinist |
| V | DiffSubj | De/meester/sterft | De/slaaf/sterft |
| A | DiffPred | De/oranje/groenteman | De/drukke/groenteman |
| V | Opposite | De/bezoeker/besproeit | De/acteur/geeft |
| V | DiffPred | De/inspecteur/valt/aan | De/inspecteur/danst |

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|---|----------|-----------------------------|--------------------------|
| V | DiffSubj | De/dief/krijgt | De/minister/krijgt |
| A | DiffSubj | De/oranje/psycholoog | Het/oranje/kind |
| V | Opposite | De/agent/bescherm | De/monteur/verdedigt |
| V | DiffSubj | De/gijzelaar/verbergt | De/orthodontist/verbergt |
| A | Identity | De/sterke/student | De/sterke/student |
| A | Identity | De/gladde/groenteman | De/gladde/groenteman |
| A | DiffSubj | De/oranje/smid | De/oranje/piraat |
| V | Identity | De/verpleegster/krijgt | De/verpleegster/krijgt |
| A | DiffSubj | De/dappere/chirurg | De/dappere/huisarts |
| A | Identity | De/knappe/crimineel | De/knappe/crimineel |
| V | DiffSubj | De/verpleegster/veroordeelt | De/leraar/veroordeelt |
| A | Identity | De/sombere/agent | De/sombere/agent |
| V | Identity | De/activist/verbergt | De/activist/verbergt |
| A | DiffPred | De/geschikte/goochelaar | De/matige/goochelaar |
| V | DiffSubj | De/bezoeker/hypnotiseert | De/acteur/hypnotiseert |
| V | Identity | De/brandweerman/ontvangt | De/brandweerman/ontvangt |
| A | DiffPred | De/trouwe/meester | De/dankbare/meester |
| V | Opposite | De/groenteman/wint | De/slager/wandelt |
| A | DiffPred | De/dappere/chirurg | De/heldhaftige/chirurg |
| V | Identity | De/kapper/zingt | De/kapper/zingt |
| V | Opposite | De/kapper/citeert | De/jager/brabbelt |
| V | Opposite | De/psycholoog/wint | Het/kind/wandelt |
| A | Identity | De/glanzende/gijzelaar | De/glanzende/gijzelaar |
| V | Opposite | De/zanger/verbergt | De/gitarist/verstoep |
| V | DiffPred | De/verpleegster/schildert | De/verpleegster/bereidt |
| V | Opposite | De/chirurg/valt | De/huisarts/springt |
| V | DiffPred | De/dief/veroordeelt | De/dief/typt |
| V | DiffSubj | De/goochelaar/traint | De/acrobaat/traint |
| A | Identity | De/sterke/zanger | De/sterke/zanger |
| A | Identity | De/oranje/groenteman | De/oranje/groenteman |
| A | DiffPred | De/boze/kapper | De/verdriete/kapper |
| V | DiffSubj | De/schrijver/valt/aan | De/redacteur/valt/aan |
| A | Opposite | De/geweldige/prinses | De/fantastische/prins |
| A | Identity | De/enge/moeder | De/enge/moeder |
| A | Opposite | De/ruwe/crimineel | De/harde/stalker |
| A | Opposite | De/geschikte/goochelaar | De/matige/acrobaat |
| V | Identity | De/hertog/zingt | De/hertog/zingt |
| A | DiffSubj | De/energieke/groenteman | De/energieke/slager |
| V | DiffPred | De/bezoeker/citeert | De/bezoeker/brabbelt |
| A | DiffSubj | De/doffe/bezoeker | De/doffe/acteur |
| A | Opposite | De/boze/bezoeker | De/verdriete/acteur |
| A | Opposite | De/rode/verpleegster | De/blauwe/leraar |
| V | Identity | De/moeder/drinkt | De/moeder/drinkt |
| V | DiffPred | De/verpleegster/veroordeelt | De/verpleegster/typt |
| A | Opposite | De/zachte/machinist | De/jonge/conducteur |
| A | DiffSubj | De/blijje/jongen | Het/blijje/meisje |
| A | DiffPred | De/ruwe/schrijver | De/harde/schrijver |
| A | DiffPred | De/enge/dief | De/dramatische/dief |
| V | DiffSubj | De/brandweerman/sterft | De/dirigent/sterft |
| V | Opposite | De/groenteman/bakt | De/slager/zit |
| V | DiffSubj | De/chirurg/valt | De/huisarts/valt |
| A | Opposite | De/geweldige/groenteman | De/fantastische/slager |
| A | DiffPred | De/roze/gijzelaar | De/trage/gijzelaar |

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|---|----------|---------------------------|---------------------------|
| A | Opposite | De/doffe/machinist | De/nieuwe/conducteur |
| A | DiffPred | De/geweldige/prinses | De/fantastische/prinses |
| A | Opposite | De/glinsterende/student | De/paarse/scholier |
| V | DiffPred | De/smid/wint | De/smid/wandelt |
| V | Identity | De/zanger/schrijft | De/zanger/schrijft |
| V | Identity | De/groenteman/pakt | De/groenteman/pakt |
| A | DiffSubj | De/sombere/agent | De/sombere/monteur |
| V | DiffPred | De/activist/schrijft | De/activist/vermoordt |
| A | Opposite | De/gladde/smid | De/groene/piraat |
| V | Identity | De/meester/traint | De/meester/traint |
| V | DiffPred | De/agent/traint | De/agent/kookt |
| V | Identity | De/zanger/verbergt | De/zanger/verbergt |
| A | Identity | De/trouwe/agent | De/trouwe/agent |
| A | Opposite | De/oranje/prinses | De/drukke/prins |
| A | Opposite | De/sombere/brandweerman | De/depressieve/dirigent |
| A | DiffSubj | De/ruwe/schrijver | De/ruwe/redacteur |
| A | Identity | De/onbeleeftde/chirurg | De/onbeleeftde/chirurg |
| A | DiffPred | De/glinsterende/gijzelaar | De/paarse/gijzelaar |
| A | DiffSubj | De/magere/meester | De/magere/slaaf |
| V | Identity | De/inspecteur/valt | De/inspecteur/valt |
| V | Opposite | De/crimineel/valt/aan | De/stalker/danst |
| A | DiffSubj | De/energieke/prinses | De/energieke/prins |
| A | DiffPred | De/sterke/student | De/zwakke/student |
| V | DiffPred | De/jongen/drinkt | De/jongen/eet |
| A | Identity | De/dappere/inspecteur | De/dappere/inspecteur |
| V | Identity | De/hertog/hypnotiseert | De/hertog/hypnotiseert |
| A | Identity | De/magere/goochelaar | De/magere/goochelaar |
| V | Opposite | De/prinses/wint | De/prins/wandelt |
| A | DiffSubj | De/rode/dief | De/rode/minister |
| A | DiffSubj | De/zachte/machinist | De/zachte/conducteur |
| A | Identity | De/enge/verpleegster | De/enge/verpleegster |
| V | Opposite | De/agent/sterft | De/monteur/fraudeert |
| A | DiffSubj | De/magere/brandweerman | De/magere/dirigent |
| A | Identity | De/enge/dief | De/enge/dief |
| A | Opposite | De/onbeleeftde/crimineel | De/botte/stalker |
| V | DiffPred | De/prinses/verlaat | De/prinses/betreedt |
| V | Opposite | De/smid/verlaat | De/piraat/betreedt |
| V | DiffSubj | De/moeder/krijgt | De/vader/krijgt |
| A | DiffSubj | De/sterke/activist | De/sterke/moordenaar |
| V | DiffPred | De/student/schrijft | De/student/vermoordt |
| A | Identity | De/bedrieglijke/machinist | De/bedrieglijke/machinist |
| V | DiffPred | De/machinist/zingt | De/machinist/luistert |
| A | Identity | De/blijje/verpleegster | De/blijje/verpleegster |
| A | Identity | De/glinsterende/student | De/glinsterende/student |
| V | Identity | De/goochelaar/traint | De/goochelaar/traint |
| A | DiffSubj | De/ruwe/inspecteur | Het/ruwe/slachtoffer |
| A | Identity | De/energieke/prinses | De/energieke/prinses |
| V | Opposite | De/jongen/veroordeelt | Het/meisje/typt |
| V | Identity | De/machinist/hypnotiseert | De/machinist/hypnotiseert |
| A | Identity | De/roze/activist | De/roze/activist |
| A | DiffSubj | De/dappere/schrijver | De/dappere/redacteur |
| V | Identity | De/kapper/besproeit | De/kapper/besproeit |
| V | DiffPred | De/zanger/verbergt | De/zanger/verstoopt |

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|---|----------|---------------------------|------------------------------|
| A | DiffPred | De/doffe/kapper | De/nieuwe/kapper |
| V | Opposite | De/bezoeker/zingt | De/acteur/luistert |
| A | Identity | De/gladde/psycholoog | De/gladde/psycholoog |
| V | DiffSubj | De/crimineel/vangt | De/stalker/vangt |
| V | DiffSubj | De/zanger/fluit | De/gitarist/fluit |
| V | DiffSubj | De/schrijver/helpt | De/redacteur/helpt |
| V | DiffPred | De/bezoeker/besproeit | De/bezoeker/geeft |
| V | DiffSubj | De/goochelaar/ontvangt | De/acrobaat/ontvangt |
| A | DiffSubj | De/onbeleeftde/chirurg | De/onbeleeftde/huisarts |
| V | DiffPred | De/moeder/schildert | De/moeder/bereidt |
| V | Opposite | De/psycholoog/bakt | Het/kind/zit |
| A | DiffSubj | De/glinsterende/student | De/glinsterende/scholier |
| V | Opposite | De/goochelaar/ontvangt | De/acrobaat/verstuurt |
| A | DiffSubj | De/knappe/inspecteur | Het/knappe/slachtoffer |
| A | Identity | De/onbeleeftde/inspecteur | De/onbeleeftde/inspecteur |
| V | Opposite | De/jongen/drinkt | Het/meisje/eet |
| A | Identity | De/sterke/gijzelaar | De/sterke/gijzelaar |
| A | Identity | De/oranje/prinses | De/oranje/prinses |
| A | DiffSubj | De/boze/machinist | De/boze/conducteur |
| A | DiffPred | De/roze/student | De/trage/student |
| A | DiffPred | De/magere/agent | De/leuke/agent |
| A | Identity | De/geschikte/agent | De/geschikte/agent |
| A | Identity | De/geweldige/groenteman | De/geweldige/groenteman |
| A | Opposite | De/enge/verpleegster | De/dramatische/leraar |
| V | Opposite | De/brandweerman/ontvangt | De/dirigent/verstuurt |
| V | DiffSubj | De/crimineel/valt | De/stalker/valt |
| A | DiffSubj | De/glanzende/student | De/glanzende/scholier |
| A | DiffPred | De/trouwe/brandweerman | De/dankbare/brandweerman |
| A | DiffSubj | De/sterke/student | De/sterke/scholier |
| A | Identity | De/rode/verpleegster | De/rode/verpleegster |
| V | DiffSubj | De/kapper/besproeit | De/jager/besproeit |
| V | Identity | De/machinist/citeert | De/machinist/citeert |
| A | Identity | De/ruwe/schrijver | De/ruwe/schrijver |
| V | Opposite | De/kapper/hypnotiseert | De/jager/betover |
| V | DiffPred | De/meester/ontvangt | De/meester/verstuurt |
| V | DiffSubj | De/inspecteur/helpt | Het/slachtoffer/helpt |
| V | DiffSubj | De/hertog/hypnotiseert | De/koning/hypnotiseert |
| V | Identity | De/inspecteur/valt/aan | De/inspecteur/valt/aan |
| V | Opposite | De/smid/wint | De/piraat/wandelt |
| V | DiffSubj | De/goochelaar/sterft/ | De/acrobaat/sterft |
| A | Identity | De/roze/gijzelaar | De/roze/gijzelaar |
| A | Opposite | De/enge/moeder | De/dramatische/vader |
| A | DiffSubj | De/sombere/meester | De/sombere/slaaf |
| V | DiffPred | De/agent/sterft | De/agent/fraudeert |
| A | Opposite | De/knappe/inspecteur | Het/dove/slachtoffer |
| V | DiffSubj | De/psycholoog/bakt | Het/kind/bakt |
| V | Identity | De/dief/veroordeelt | De/dief/veroordeelt |
| V | DiffSubj | De/crimineel/helpt | De/stalker/helpt |
| V | DiffSubj | De/schrijver/vangt | De/redacteur/vangt |
| V | DiffSubj | De/groenteman/wint | De/slager/wint |
| A | DiffSubj | De/glinsterende/gijzelaar | De/glinsterende/orthodontist |
| V | DiffPred | De/activist/controleert | De/activist/onderzoekt |
| A | DiffPred | De/zachte/machinist | De/jonge/machinist |

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|---|----------|--------------------------|--------------------------------|
| A | DiffSubj | De/sombere/goochelaar | De/sombere/acrobaat |
| A | DiffPred | De/zachte/hertog | De/jonge/hertog |
| V | Opposite | De/inspecteur/valt | Het/slachtoffer/springt |
| V | Identity | De/crimineel/helpt | De/crimineel/helpt |
| A | DiffPred | De/rode/dief | De/blauwe/dief |
| V | Opposite | De/chirurg/valt/aan | De/huisarts/danst |
| A | DiffPred | De/blijje/verpleegster | De/teleurgestelde/verpleegster |
| V | DiffPred | De/crimineel/valt | De/crimineel/springt |
| A | Opposite | De/ruwe/inspecteur | Het/harde/slachtoffer |
| V | DiffPred | De/crimineel/valt/aan | De/crimineel/danst |
| A | DiffPred | De/glanzende/gijzelaar | De/glimmende/gijzelaar |
| A | DiffSubj | De/glanzende/zanger | De/glanzende/gitarist |
| V | Opposite | De/dief/krijgt | De/minister/koopt |
| V | Identity | De/gijzelaar/verbergt | De/gijzelaar/verbergt |
| V | Identity | De/bezoeker/zingt | De/bezoeker/zingt |
| V | DiffSubj | De/inspecteur/vangt | Het/slachtoffer/vangt |
| V | DiffSubj | De/hertog/besproeit | De/koning/besproeit |
| A | DiffPred | De/doffe/bezoeker | De/nieuwe/bezoeker |
| A | DiffSubj | De/geschikte/agent | De/geschikte/monteur |
| V | Opposite | De/bezoeker/hypnotiseert | De/acteur/betover |
| A | DiffPred | De/bruine/jongen | De/luidruchtige/jongen |
| A | Opposite | De/onbeleeftde/schrijver | De/botte/redacteur |
| A | DiffPred | De/boze/hertog | De/verdrietige/hertog |
| A | Opposite | De/magere/meester | De/leuke/slaaf |
| V | Identity | De/zanger/controleert | De/zanger/controleert |
| V | Opposite | De/groenteman/verlaat | De/slager/betreedt |
| V | DiffPred | De/gijzelaar/fluit | De/gijzelaar/wijst/af |
| V | Opposite | De/brandweerman/traint | De/dirigent/kookt |
| A | DiffSubj | De/blijje/verpleegster | De/blijje/leraar |
| A | Opposite | De/zachte/kapper | De/jonge/jager |
| A | Opposite | De/sombere/meester | De/depressieve/slaaf |
| A | Identity | De/bedrieglijke/bezoeker | De/bedrieglijke/bezoeker |
| V | Identity | De/agent/ontvangt | De/agent/ontvangt |
| A | DiffPred | De/ruwe/inspecteur | De/harde/inspecteur |
| V | DiffSubj | De/chirurg/helpt | De/huisarts/helpt |
| A | Opposite | De/gladde/psycholoog | Het/groene/kind |
| V | Identity | De/hertog/besproeit | De/hertog/besproeit |
| A | Identity | De/knappe/schrijver | De/knappe/schrijver |
| V | Opposite | De/student/fluit | De/scholier/wijst/af |
| V | Opposite | De/machinist/besproeit | De/conducteur/geeft |
| V | DiffSubj | De/moeder/drinkt | De/vader/drinkt |
| A | Identity | De/roze/student | De/roze/student |
| V | Identity | De/smid/verlaat | De/smid/verlaat |
| A | Opposite | De/magere/brandweerman | De/leuke/dirigent |
| V | Identity | De/agent/traint | De/agent/traint |
| V | DiffSubj | De/hertog/zingt | De/koning/zingt |
| V | DiffPred | De/smid/verlaat | De/smid/betreedt |
| A | DiffPred | De/doffe/hertog | De/nieuwe/hertog |
| V | Opposite | De/zanger/fluit | De/gitarist/wijst/af |
| V | Identity | De/activist/fluit | De/activist/fluit |
| V | DiffSubj | De/verpleegster/drinkt | De/leraar/drinkt |
| A | Identity | De/sombere/goochelaar | De/sombere/goochelaar |
| A | Opposite | De/onbeleeftde/chirurg | De/botte/huisarts |

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|---|----------|---------------------------|--------------------------|
| V | DiffPred | De/psycholoog/bakt | De/psycholoog/zit |
| V | Identity | De/student/fluit | De/student/fluit |
| A | Identity | De/onbeleeftde/schrijver | De/onbeleeftde/schrijver |
| A | Identity | De/bedrieglijke/hertog | De/bedrieglijke/hertog |
| V | DiffPred | De/kapper/besproeit | De/kapper/geeft |
| V | DiffPred | De/goochelaar/sterft | De/goochelaar/fraudeert |
| A | Opposite | De/bruine/moeder | De/luidruchtige/vader |
| A | DiffSubj | De/enge/moeder | De/enge/vader |
| A | DiffPred | De/gladde/groenteman | De/groene/groenteman |
| A | DiffSubj | De/roze/zanger | De/roze/gitarist |
| V | Opposite | De/gijzelaar/verbergt | De/orthodontist/verstopt |
| V | DiffPred | De/brandweerman/traint | De/brandweerman/kookt |
| A | DiffSubj | De/geschikte/brandweerman | De/geschikte/dirigent |
| A | Opposite | De/zachte/hertog | De/jonge/koning |
| A | Identity | De/trouwe/goochelaar | De/trouwe/goochelaar |
| V | Identity | De/meester/ontvangt | De/meester/ontvangt |
| A | Identity | De/energieke/groenteman | De/energieke/groenteman |
| A | Opposite | De/sterke/gijzelaar | De/zwakke/orthodontist |
| A | DiffPred | De/trouwe/agent | De/dankbare/agent |
| V | Identity | De/smid/pakt | De/smid/pakt |
| V | Identity | De/chirurg/valt | De/chirurg/valt |
| A | DiffPred | De/sombere/meester | De/depressieve/meester |
| A | Identity | De/geweldige/smid | De/geweldige/smid |
| A | DiffPred | De/onbeleeftde/inspecteur | De/botte/inspecteur |
| A | DiffPred | De/doffe/machinist | De/nieuwe/machinist |
| V | Opposite | De/goochelaar/bescherm | De/acrobaat/verdedigt |
| V | Opposite | De/dief/schildert | De/minister/bereidt |
| A | DiffPred | De/rode/moeder | De/blauwe/moeder |
| V | Identity | De/prinses/wint | De/prinses/wint |
| V | Opposite | De/schrijver/valt/aan | De/redacteur/danst |
| A | Opposite | De/roze/zanger | De/trage/gitarist |
| A | DiffPred | De/zachte/bezoeker | De/jonge/bezoeker |
| A | DiffSubj | De/onbeleeftde/crimineel | De/onbeleeftde/stalker |
| A | Opposite | De/sombere/agent | De/depressieve/monteur |
| A | DiffSubj | De/enge/verpleegster | De/enge/leraar |
| A | Opposite | De/magere/goochelaar | De/leuke/acrobaat |
| A | DiffPred | De/sombere/agent | De/depressieve/agent |
| V | DiffPred | De/goochelaar/traint | De/goochelaar/kookt |
| A | Opposite | De/doffe/hertog | De/nieuwe/koning |
| A | Identity | De/zachte/bezoeker | De/zachte/bezoeker |
| V | DiffPred | De/machinist/hypnotiseert | De/machinist/betovert |
| A | Opposite | De/trouwe/meester | De/dankbare/slaaf |
| V | Identity | De/schrijver/helpt | De/schrijver/helpt |
| A | DiffPred | De/knappe/schrijver | De/dove/schrijver |
| A | DiffPred | De/enge/jongen | De/dramatische/jongen |
| V | Identity | De/dief/schildert | De/dief/schildert |
| V | Opposite | De/chirurg/vangt | De/huisarts/gooit |
| V | Identity | De/meester/sterft | De/meester/sterft |
| A | DiffPred | De/blijde/moeder | De/teleurgestelde/moeder |
| A | Identity | De/knappe/inspecteur | De/knappe/inspecteur |
| A | Identity | De/oranje/smid | De/oranje/smid |
| A | DiffSubj | De/ruwe/crimineel | De/ruwe/stalker |
| V | DiffPred | De/bezoeker/zingt | De/bezoeker/luistert |

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|---|----------|---------------------------|----------------------------|
| A | DiffSubj | De/geschikte/goochelaar | De/geschikte/acrobaat |
| A | Opposite | De/dappere/schrijver | De/heldhaftige/redacteur |
| A | Identity | De/gladde/prinses | De/gladde/prinses |
| A | DiffPred | De/bedrieglijke/machinist | De/kwaadaardige/machinist |
| A | DiffPred | De/sterke/gijzelaar | De/zwakke/gijzelaar |
| V | Identity | De/dief/drinkt | De/dief/drinkt |
| V | DiffPred | De/psycholoog/verlaat | De/psycholoog/betreedt |
| A | Opposite | De/doffe/kapper | De/nieuwe/jager |
| V | Identity | De/activist/schrijft | De/activist/schrijft |
| A | DiffSubj | De/zachte/kapper | De/zachte/jager |
| V | Opposite | De/hertog/hypnotiseert | De/koning/betover |
| A | DiffPred | De/geweldige/groenteman | De/fantastische/groenteman |
| V | DiffSubj | De/verpleegster/krijgt | De/leraar/krijgt |
| A | Opposite | De/bedrieglijke/hertog | De/kwaadaardige/koning |
| A | DiffSubj | De/glanzende/gijzelaar | De/glanzende/orthodontist |
| V | Identity | De/jongen/schildert | De/jongen/schildert |
| V | DiffSubj | De/prinses/bakt | De/prins/bakt |
| A | DiffSubj | De/knappe/crimineel | De/knappe/stalker |
| A | Opposite | De/onbeleeftde/inspecteur | Het/botte/slachtoffer |
| V | Opposite | De/brandweerman/bescherm | De/dirigent/verdedigt |
| V | Opposite | De/kapper/besproeit | De/jager/geeft |
| A | Opposite | De/glinsterende/activist | De/parse/moordenaar |
| V | Identity | De/student/controleert | De/student/controleert |
| A | DiffSubj | De/glinsterende/zanger | De/glinsterende/gitarist |
| A | Identity | De/geschikte/meester | De/geschikte/meester |
| V | DiffPred | De/verpleegster/drinkt | De/verpleegster/eet |
| V | DiffPred | De/inspecteur/vangt | De/inspecteur/gooit |
| A | Identity | De/bruine/verpleegster | De/bruine/verpleegster |
| V | DiffSubj | De/agent/traint | De/monteur/traint |
| V | DiffPred | De/jongen/krijgt | De/jongen/koopt |
| A | Opposite | De/gladde/groenteman | De/groene/slager |
| V | DiffPred | De/crimineel/helpt | De/crimineel/bidt |
| V | DiffSubj | De/psycholoog/wint | Het/kind/wint |
| A | DiffSubj | De/zachte/bezoeker | De/zachte/acteur |
| A | DiffPred | De/energieke/smid | De/vermoeide/smid |
| A | DiffSubj | De/bedrieglijke/machinist | De/bedrieglijke/conducteur |
| V | DiffSubj | De/meester/bescherm | De/slaaf/bescherm |
| A | Identity | De/magere/agent | De/magere/agent |
| V | DiffSubj | De/zanger/controleert | De/gitarist/controleert |
| V | Opposite | De/gijzelaar/fluit | De/orthodontist/wijst/af |
| A | DiffSubj | De/enge/jongen | Het/enge/meisje |
| V | DiffPred | De/chirurg/helpt | De/chirurg/bidt |
| V | DiffPred | De/meester/bescherm | De/meester/verdedigt |
| V | DiffSubj | De/hertog/citeert | De/koning/citeert |
| V | Opposite | De/schrijver/helpt | De/redacteur/bidt |
| V | Opposite | De/jongen/krijgt | Het/meisje/koopt |
| A | DiffSubj | De/geschikte/meester | De/geschikte/slaaf |
| V | Opposite | De/hertog/besproeit | De/koning/geeft |
| A | DiffSubj | De/zachte/hertog | De/zachte/koning |
| V | DiffSubj | De/groenteman/verlaat | De/slager/verlaat |
| V | Identity | De/psycholoog/verlaat | De/psycholoog/verlaat |
| A | DiffPred | De/knappe/chirurg | De/dove/chirurg |
| V | DiffSubj | De/bezoeker/zingt | De/acteur/zingt |

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|---|----------|---------------------------|----------------------------|
| A | Identity | De/doffe/bezoeker | De/doffe/bezoeker |
| A | Identity | De/knappe/chirurg | De/knappe/chirurg |
| A | DiffSubj | De/rode/verpleegster | De/rode/leraar |
| V | DiffSubj | De/student/schrijft | De/scholier/schrijft |
| V | Opposite | De/activist/schrijft | De/moordenaar/vermoordt |
| A | Identity | De/glinsterende/zanger | De/glinsterende/zanger |
| A | DiffSubj | De/boze/bezoeker | De/boze/acteur |
| A | Opposite | De/roze/gijzelaar | De/trage/orthodontist |
| V | DiffSubj | De/chirurg/vangt | De/huisarts/vangt |
| V | DiffSubj | De/meester/ontvangt | De/slaaf/ontvangt |
| A | Opposite | De/geschikte/brandweerman | De/matige/dirigent |
| A | Identity | De/onbeleeftde/crimineel | De/onbeleeftde/crimineel |
| A | DiffSubj | De/roze/activist | De/roze/moordenaar |
| V | DiffSubj | De/groenteman/pakt | De/slager/pakt |
| A | Identity | De/glanzende/student | De/glanzende/student |
| A | Opposite | De/magere/agent | De/leuke/monteur |
| V | Opposite | De/inspecteur/vangt | Het/slachtoffer/gooit |
| V | DiffPred | De/chirurg/vangt | De/chirurg/gooit |
| V | DiffPred | De/dief/drinkt | De/dief/eet |
| V | DiffPred | De/gijzelaar/controleert | De/gijzelaar/onderzoekt |
| A | Opposite | De/rode/jongen | Het/blauwe/meisje |
| A | DiffPred | De/oranje/psycholoog | De/drukke/psycholoog |
| A | Opposite | De/rode/moeder | De/blauwe/vader |
| A | DiffSubj | De/gladde/prinses | De/gladde/prins |
| A | Opposite | De/glinsterende/gijzelaar | De/paarse/orthodontist |
| A | Opposite | De/energieke/psycholoog | Het/vermoeide/kind |
| V | DiffPred | De/dief/schildert | De/dief/bereidt |
| A | Identity | De/doffe/hertog | De/doffe/hertog |
| V | Identity | De/goochelaar/ontvangt | De/goochelaar/ontvangt |
| V | Opposite | De/hertog/zingt | De/koning/luistert |
| A | Identity | De/dappere/crimineel | De/dappere/crimineel |
| V | DiffSubj | De/dief/veroordeelt | De/minister/veroordeelt |
| A | Identity | De/ruwe/chirurg | De/ruwe/chirurg |
| A | Identity | De/sombere/brandweerman | De/sombere/brandweerman |
| V | DiffSubj | De/psycholoog/verlaat | Het/kind/verlaat |
| A | DiffSubj | De/magere/goochelaar | De/magere/acrobaat |
| A | DiffPred | De/boze/bezoeker | De/verdrietige/bezoeker |
| V | DiffSubj | De/smid/verlaat | De/piraat/verlaat |
| A | Opposite | De/blijve/verpleegster | De/teleurgestelde/leraar |
| V | DiffSubj | De/student/fluit | De/scholier/fluit |
| V | Opposite | De/dief/veroordeelt | De/minister/typt |
| A | Opposite | De/bedrieglijke/machinist | De/kwaadaardige/conducteur |
| V | DiffSubj | De/jongen/veroordeelt | Het/meisje/veroordeelt |
| V | Opposite | De/gijzelaar/controleert | De/orthodontist/onderzoekt |
| V | Opposite | De/machinist/zingt | De/conducteur/luistert |
| A | Opposite | De/zachte/bezoeker | De/jonge/acteur |
| A | DiffSubj | De/doffe/machinist | De/doffe/conducteur |
| V | Opposite | De/inspecteur/helpt | Het/slachtoffer/bidt |
| A | DiffPred | De/onbeleeftde/chirurg | De/botte/chirurg |
| A | Opposite | De/glanzende/gijzelaar | De/glimmende/orthodontist |
| V | DiffSubj | De/meester/traint | De/slaaf/traint |
| A | DiffPred | De/onbeleeftde/crimineel | De/botte/crimineel |
| V | Identity | De/hertog/citeert | De/hertog/citeert |

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|---|----------|---------------------------|-----------------------------|
| V | DiffSubj | De/schrijver/valt | De/redacteur/valt |
| A | DiffPred | De/bruine/dief | De/luidruchtige/dief |
| A | DiffSubj | De/doffe/hertog | De/doffe/koning |
| A | DiffSubj | De/bedrieglijke/bezoeker | De/bedrieglijke/acteur |
| A | Opposite | De/energieke/groenteman | De/vermoeide/slager |
| V | DiffPred | De/jongen/veroordeelt | De/jongen/typt |
| A | Identity | De/geschikte/brandweerman | De/geschikte/brandweerman |
| V | DiffPred | De/machinist/besproeit | De/machinist/geeft |
| V | Opposite | De/moeder/schildert | De/vader/bereidt |
| A | DiffPred | De/knappe/crimineel | De/dove/crimineel |
| V | Opposite | De/activist/fluit | De/moordenaar/wijst/af |
| V | DiffPred | De/schrijver/valt | De/schrijver/springt |
| V | Opposite | De/smid/pakt | De/piraat/ziet |
| V | Identity | De/meester/beschermt | De/meester/beschermt |
| A | Opposite | De/blije/jongen | Het/teleurgestelde/meisje |
| A | DiffPred | De/geweldige/smid | De/fantastische/smid |
| A | Identity | De/boze/machinist | De/boze/machinist |
| A | DiffSubj | De/rode/jongen | Het/rode/meisje |
| A | DiffSubj | De/bruine/moeder | De/bruine/vader |
| A | DiffSubj | De/roze/gijzelaar | De/roze/orthodontist |
| V | Identity | De/goochelaar/sterft/ | De/goochelaar/sterft/ |
| V | Identity | De/groenteman/bakt | De/groenteman/bakt |
| A | DiffSubj | De/blije/moeder | De/blije/vader |
| V | DiffSubj | De/activist/verbergt | De/moordenaar/verbergt |
| A | DiffSubj | De/bruine/jongen | Het/bruine/meisje |
| A | DiffSubj | De/gladde/psycholoog | Het/gladde/kind |
| V | Opposite | De/meester/beschermt | De/slaaf/verdedigt |
| A | Identity | De/boze/hertog | De/boze/hertog |
| V | DiffPred | De/brandweerman/sterft | De/brandweerman/fraudeert |
| A | Identity | De/geweldige/psycholoog | De/geweldige/psycholoog |
| V | DiffPred | De/bezoeker/hypnotiseert | De/bezoeker/betovert |
| A | Opposite | De/boze/machinist | De/verdriete/conducteur |
| A | Opposite | De/enge/dief | De/dramatische/minister |
| A | DiffSubj | De/boze/hertog | De/boze/koning |
| A | DiffPred | De/sombere/brandweerman | De/depressieve/brandweerman |
| A | DiffPred | De/energieke/prinses | De/vermoeide/prinses |
| V | DiffSubj | De/prinses/verlaat | De/prins/verlaat |
| V | DiffPred | De/prinses/pakt | De/prinses/ziet |
| V | Identity | De/chirurg/valt/aan | De/chirurg/valt/aan |
| V | DiffSubj | De/prinses/pakt | De/prins/pakt |
| V | DiffSubj | De/kapper/citeert | De/jager/citeert |
| V | Identity | De/activist/controleert | De/activist/controleert |
| A | DiffSubj | De/doffe/kapper | De/doffe/jager |
| V | DiffSubj | De/groenteman/bakt | De/slager/bakt |
| A | DiffPred | De/sterke/activist | De/zwakke/activist |
| A | DiffSubj | De/energieke/psycholoog | Het/energieke/kind |
| V | Identity | De/dief/krijgt | De/dief/krijgt |
| V | DiffSubj | De/prinses/wint | De/prins/wint |
| V | Identity | De/student/schrijft | De/student/schrijft |
| V | DiffSubj | De/activist/schrijft | De/moordenaar/schrijft |
| V | DiffSubj | De/moeder/veroordeelt | De/vader/veroordeelt |
| A | DiffPred | De/glanzende/zanger | De/glimmende/zanger |
| V | Identity | De/inspecteur/vangt | De/inspecteur/vangt |

| | | | |
|---|----------|-------------------------|-----------------------------|
| A | Identity | De/sterke/activist | De/sterke/activist |
| A | DiffSubj | De/trouwe/agent | De/trouwe/monteur |
| A | DiffPred | De/bruine/moeder | De/luidruchtige/moeder |
| A | DiffPred | De/rode/jongen | De/blauwe/jongen |
| V | Opposite | De/psycholoog/verlaat | Het/kind/betreedt |
| V | DiffSubj | De/dief/drinkt | De/minister/drinkt |
| V | DiffSubj | De/kapper/hypnotiseert | De/jager/hypnotiseert |
| A | Identity | De/gladde/smid | De/gladde/smid |
| V | Opposite | De/activist/controleert | De/moordenaar/onderzoekt |
| V | Opposite | De/agent/ontvangt | De/monteur/verstuurt |
| V | DiffPred | De/moeder/veroordeelt | De/moeder/typt |
| A | Identity | De/boze/kapper | De/boze/kapper |
| A | Identity | De/ruwe/inspecteur | De/ruwe/inspecteur |
| A | Opposite | De/geweldige/smid | De/fantastische/piraat |
| V | Identity | De/chirurg/vangt | De/chirurg/vangt |
| A | DiffSubj | De/sombere/brandweerman | De/sombere/dirigent |
| V | Identity | De/agent/sterft | De/agent/sterft |
| A | Identity | De/geweldige/prinses | De/geweldige/prinses |
| A | Opposite | De/bruine/dief | De/luidruchtige/minister |
| A | DiffPred | De/enge/verpleegster | De/dramatische/verpleegster |
| V | DiffPred | De/meester/traint | De/meester/kookt |
| V | Opposite | De/dief/drinkt | De/minister/eet |
| A | Identity | De/sombere/meester | De/sombere/meester |
| V | Opposite | De/moeder/drinkt | De/vader/eet |
| V | DiffSubj | De/bezoeker/besproeit | De/acteur/besproeit |
| V | Opposite | De/psycholoog/pakt | Het/kind/ziet |